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Brigham Young University Quarterly

Vol. XXXI MAY 1, 1935 No. IV

Catalogue Number

FOR THE SCHOOL YEAR

1935-1936

Published by the

BRIGHAM YOUNG UNIVERSITY

PROVO, UTAH

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JANUARY

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Administrative Officers

Franklin S. Harris	President
Kiefer B. Sauls	Secretary to the President Purchasing Agent
Edward H. Holt	Secretary-Treasurer
Carma Ballif	Assistant in Treasurer's Office
Barr Miller	Assistant in Treasurer's Office
John E. Hayes	Registrar
Christen Jensen	Dean of the Graduate School
Carl F. Eyring	Dean of the College of Arts and Sciences
Herald R. Clark	Dean of the College of Commerce
Amos N. Merrill	Acting Dean of the College of Education
Gerrit de Jong, Jr.	Dean of the College of Fine Arts
Lowry Nelson	Dean of the College of Applied Science Director Extension Division
Hugh M. Woodward	Dean of the Summer Session
Nettie Neff Smart	Dean of Women
Lloyd L. Cullimore	Medical Director
Edgar M. Jensen	Director Training Schools
Anna Ollorton	Librarian

The Faculty†

FRANKLIN STEWART HARRIS................................**President**

B. S. Brigham Young University, 1907; Ph. D., Cornell University, 1911; Student University of Paris, 1927; Instructor, Juarez Academy, 1904-05; Assistant Chemist, Utah Experiment Station, 1907-08; Instructor in Soils, Cornell University, 1907-08; Professor of Agronomy, Utah Agricultural College and Agronomist Utah Experiment Station, 1911-21; Director School of Agricultural Engineering and Mechanic Arts, 1912-16; Director Utah Experiment Station, 1916-21; President Brigham Young University, 1921-.

JOHN C. SWENSON..........**Professor of Economics and Sociology**

A. B., Stanford University, 1898; M. A., Columbia University, 1921; Graduate work, Columbia University, Summer of 1924; Assistant Professor of English, Brigham Young University, 1898-99; Professor of History and Economics, 1899-1900; Dean of College of Education, 1921-24; Professor of Economics and Sociology, 1906—.

CHARLES E. MAW.................................**Professor of Chemistry**

A. B., Stanford University, 1903; S. M., University of Chicago, 1916; Ph. D., Stanford University, 1924; Graduate work, Columbia University, 1916; University of California, 1923; Professor of Chemistry, Brigham Young University, 1903—.

ALFRED OSMOND.......................**Professor of English, Emeritus**

A. B., Harvard University, 1903; M. A., Columbia University, 1920; Graduate work, University of Chicago; Columbia University; Professor of English, Brigham Young University, 1903—.

CHRISTEN JENSEN*............**Professor of History and Political Science, Dean of Graduate School**

A. B., University of Utah, 1907; A. M., Harvard University, 1908; Ph. D., University of Chicago, 1921; Graduate work, University of California; Study in Europe, 1928; Assistant Professor of History and Political Science, Brigham Young University, 1908-11;

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†The University Council consists of the President and all members of the faculty with the rank of professor, associate professor, or assistant professor.

*On leave of absence.

Professor, 1911—; Acting Dean College of Applied Science, 1924-29; Dean Graduate School, 1929—.

ELBERT H. EASTMOND..**Professor of Art**

Diploma in Normal Art and Manual Training, Pratt Institute, 1902; B. Pd., Brigham Young University, 1906; Graduate Work, California School of Fine Arts, University of California; California School of Arts and Crafts; Rionido School of Art, University of Washington; European Travel Study; Professor of Art, Brigham Young University, 1904—.

AMOS N. MERRILL..................**Professor of Secondary Education**
Acting Dean of College of Education

B. S., Utah Agricultural College, 1896; M. S., University of Illinois, 1908; Ph. D., Stanford University, 1926; Professor of Agriculture, Brigham Young College, 1905-09; Professor of Agriculture, Brigham Young University, 1910-22; Dean of Church Teachers' College, 1917-23; Professor of Secondary Education and Supervisor of Secondary Training, 1924—.

EDWARD H. HOLT...........................**Professor of Office Practice**
Secretary of the Faculty

B. Pd., Brigham Young University, 1895; Assistant Professor of Business Education, 1895-1902; Professor of Business Education, 1902-21; Professor of Office Practice, 1921—.

ALICE L. REYNOLDS..................**Professor of English Literature**

A. B., Brigham Young University, 1910; Graduate work, University of London, 1911; Two years Graduate work, European Universities; University of Chicago; University of California, 1923; Columbia University, 1932-33; Instructor in English, Brigham Young University, 1894-1911; Professor of English Literature, Brigham Young University, 1911—.

CARL F. EYRING.............**Professor of Physics and Mathematics**
Dean of the College of Arts and Sciences

A. B., Brigham Young University, 1912; M. A., University of Wisconsin, 1915; Ph. D., California Institute of Technology, 1924; Assistant in Physics, University of Wisconsin, 1914-15; Assistant in Physics, California Institute of Technology, 1922-23; Research Specialist, Bell Telephone Laboratories, 1929-31; Assistant in Physics, Brigham Young University, 1910-12; Instructor, 1912-14; Assistant Professor, 1915-17;

Professor of Physics and Mathematics, 1917—; Dean of the College of Arts and Sciences, 1924—.

VILATE ELLIOTT..........................**Professor of Home Economics**

B. Pd., Brigham Young University, 1895; Graduate work Pratt Institute; Student State Normal School Santa Barbara, California; University of Chicago; Study in Europe, 1924-25; Floating University, 1930-31; Professor of Home Economics, Brigham Young University, 1908—.

BENJAMIN F. CUMMINGS....................**Professor of Modern and Classical Languages**

A. B., University of Utah, 1913; Graduate work, University of Utah; University of Chicago; Stanford University; University of Paris; Instructor Modern Languages, Latter-day Saints University, 1910-12; 1914-20; Instructor Modern Languages, University of Utah, 1913-14; Professor of Modern and Classical Languages, Brigham Young University, 1920—.

FLORENCE JEPPERSON MADSEN*............**Professor of Music**

B. M., Chicago Musical College, 1926; M. M., 1927; Doctor of Music, Boguslawski College of Music, 1932; A. B., Brigham Young University, 1934; Graduate Work in Music, New England Conservatory of Music; Director, Vocal Department, Lasalle Seminary, Boston, 1911-16; Instructor in Vocal Art, L. D. S. School of Music and Weber College, 1916-18; Instructor in Music, Chicago Musical College, Summers of 1927-28; Brigham Young University, 1910-11; 1916-18; Professor of Music, 1920—.

THOMAS L. MARTIN..............................**Professor of Agronomy and Bacteriology**

A. B., Brigham Young University, 1912; Ph. D., Cornell University, 1919; Study in Europe, 1930; Principal, Big Horn Academy, 1912-15; Emery Stake Academy, 1916-17; Millard Academy, 1919-21; Instructor in Soils, Cornell University, 1917-19; Professor of Agronomy, Brigham Young University, 1921-35; Professor of Agronomy and Bacteriology, 1935—.

HUGH M. WOODWARD...................**Professor of Philosophy of Education, Dean of Summer Session**

A. B., Brigham Young University, 1911; M. A., University of Utah, 1918; Ph. D., University of California, 1920; Principal, St. George Academy, 1911-14; President Dixie Normal College, 1914-20; Professor of Education, University of Washington, Summer of 1925; Professor on University Afloat, 1928-29; Professor of Philosophy of Education, Brigham Young University, 1921—; Dean of Summer Session, Brigham Young University, 1921-27; 1930—.

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*On leave of absence.

WILLIAM J. SNOW..**Professor of History**

A. B., Brigham Young University, 1919; Ph. D., University of California, 1923; Principal, Uintah Stake Academy, 1906-08; Instructor in History, Brigham Young University, 1910-15; Assistant Professor of History, 1915-17; Professor of History, 1917—.

T. EARL PARDOE..**Professor of Speech**

Graduate of Leland Powers School, 1913; A. B. Brigham Young University, 1925; M. A. University of Southern California, 1932; Graduate Work, Columbia University; Speech Correction, University of Southern California; University of Louisiana; Head of Department of Dramatic Art and Public Speaking, Weber Normal College, 1915-18; Associate Professor of Public Speaking and Dramatic Art, Brigham Young University, 1920-22; Professor of Speech, 1922—.

M. WILFORD POULSON............................**Professor of Psychology**

A. B., Brigham Young University, 1914; M. A., University of Utah, 1919; Graduate Work, University of Chicago, two years from 1916 to 1925; Assistant Professor of Education, Brigham Young University, 1916-19; Associate Professor of Education, 1919-22; Associate Professor of Psychology, 1922-23; Professor, 1923—.

VASCO M. TANNER.........**Professor of Zoology and Entomology**

A. B., Brigham Young University, 1915; M. A., University of Utah, 1920; Ph. D., Stanford University, 1925; Head of Department of Biology, Dixie College, 1916-18, 1920-24; Professor of Zoology and Entomology, Brigham Young University, 1925—.

HERALD R. CLARK.................**Professor of Finance and Banking**
Dean of the College of Commerce

A. B., Brigham Young University, 1918; M. B. A., University of Washington, 1924; Graduate Work, Ohio State University; Instructor in Accounting, Brigham Young University, 1913-17; Assistant Professor of Finance and Banking, 1917-27; Associate Professor of Finance and Banking, 1927-28; Professor, 1928—; Dean College of Commerce, 1934—.

PARLEY A. CHRISTENSEN........................**Professor of English**

B. S., Utah Agricultural College, 1914; A. M., Stanford University, 1925; Ph. D., Stanford University, 1927; Assistant Professor of English, Brigham Young College, 1917-25; Professor of English, Brigham Young College, 1925-26; Associate Professor of English, Brigham Young University, 1927-28; Professor, 1928—.

G. OTT ROMNEY....................**Professor of Physical Education and Director of Athletics**

A. B., University of Utah, 1912; M. A., University of Utah, 1913; B. S., Montana State College, 1916; Graduate Work, Harvard University, Graduate School of Business Administration; Athletic Coach and Instructor, Billings (Montana) High School, 1916-1918; Director Physical Education and Athletic Coach, East Salt Lake High School, 1919-1922; Director of Athletics, Professor of Physical Education and Vice-Dean of Men, Montana State College, 1922-28; Instructor (History, Government, Economics) Montana State Normal College, Summers of 1926-27-28; Professor of Physical Education and Director of Athletics, Brigham Young University, 1928—.

GERRIT de JONG, JR..................**Professor of Modern Languages Dean of College of Fine Arts**

A. B., University of Utah, 1920; M. A., 1925; Ph. D., Stanford University, 1934; Graduate work, National University of Mexico; University of Munich; Stanford University; Instructor Murdock Academy, 1916-18; Instructor, Latter-day Saints University, 1919-25; Associate Professor of Modern Languages, Brigham Young University, 1925-29; Professor 1929—; Dean of College of Fine Arts, Brigham Young University, 1925—.

LOWRY NELSON............**Professor of Rural Social Economics Dean College of Applied Science Director of Extension Division**

B. S., Utah Agricultural College, 1916; M. S., University of Wisconsin, 1924; Ph. D., University of Wisconsin, 1929; Director of Extension Division, Brigham Young University, 1921—; Assistant Professor of Sociology, 1924-27; Associate Professor of Sociology, 1927-29; Professor of Rural Social Economics and Dean of College of Applied Science, Brigham Young University, 1929—.

GEORGE H. HANSEN........**Professor of Geology and Geography**

B. S., Utah Agricultural College, 1918; M. S., George Washington University, 1925; Ph. D., George Washington University, 1927; Field Work with U. S. Geological Survey, Summers of 1918, 1925, 1926 in Utah, Colorado and New Mexico; Assistant Professor of Geology and Geography, Brigham Young University, 1927-29; Professor of Geology and Geography, 1929—.

ELMER MILLER...**Professor of Economics**

A. B., Stanford University, 1914; Graduate work, Stanford University; University of Chicago; University of California; Instructor Dixie Normal College, 1911-12; Superintendent Alpine School District, 1922-25; Associate Professor of Economics, Brigham Young University, 1923-29; Professor of Economics, 1930—.

MILTON MARSHALL....................................**Professor of Physics**

A. B., Brigham Young University, 1918; Ph. D., University of Chicago, 1924; Instructor of Physics, Brigham Young University, 1919-21; Assistant Professor, 1924-27; Associate Professor, 1927-30; Professor, 1930—.

GUY C. WILSON....................**Professor of Religious Education**

B. Pd., Brigham Young University, 1900; Graduate work, Brigham Young University, University of Utah, University of Chicago, Columbia University; Instructor, Brigham Young University, 1896-97; Principal Juarez Stake Academy, 1897-1912; Teacher of Granite Seminary, 1913-15; President Latter-day Saints University, 1915-26; Supervisor of Religious Education, L. D. S. Department of Education, 1926-30; Professor of Religious Education, Brigham Young University, 1930—.

BENT F. LARSEN...**Professor of Art**

A. B., Brigham Young University, 1912; M. A., University of Utah, 1922; Graduate work, University of Chicago, Art Institute of Chicago, Academie Julian, Paris, Academie Colarossi, Paris, Academie de La Grande Chaumiere, Paris; Student in Europe for sixteen months, 1929-30, with George Elmer Brown Art Group and in the Academie Andre' L'Hote; Supervisor of Art, B. Y. U. Training School, 1908-12; Associate Professor of Art, 1912-1931; Professor of Art, 1931—.

LEROY J. ROBERTSON...............................**Professor of Music**

Graduate of New England Conservatory of Music, 1923; A. B., Brigham Young University, 1932; M. A., Brigham Young University, 1932; Study in Europe, 1932-33; Instructor of Music, Brigham Young University, 1924-26; Assistant Professor of Music, 1926-27; Associate Professor of Music, 1927-31; Professor of Music, 1931—.

HARRISON R. MERRILL........................Professor of Journalism

B. S., Utah Agricultural College, 1916; M. S., Pulitser School of Journalism, Columbia University, 1930; Graduate work, Utah Agricultural College, Brigham Young University, Medill School of Journalism, Northwestern University, 1927; Instructor in English, Oneida Academy, 1912-20; Instructor in English, Brigham Young University, 1921-23; Assistant Professor, 1923-29; Associate Professor of English, 1930-31; Professor of Journalism, 1931—.

FRANKLIN MADSEN*..................................Professor of Music

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; from the Chicago Musical College: Graduate Diploma, 1925; Teachers' Certificate in Vocal Art and Singing, 1927; B. M., 1926; M. M., 1927; B. M. E., 1928; Mus. Doc., 1929; M. M. E. (Master of Music Education), 1932; Honorary Doctor of Music Education from Bogulawski College of Music, 1933; Instructor Chicago Musical College, Summers of 1927-32, and the winter of 1927-28; Instructor in Music, Brigham Young University, 1920-24; Assistant Professor of Music, 1924-30; Associate Professor of Music, 1930-31; Professor of Music, 1931—.

ASAEL C. LAMBERT..............................Professor of Educational Administration

B. S., Brigham Young University, 1925; M. S., 1926; Graduate work, Stanford University; Superintendent of Public Instruction, Fremont County, Idaho, 1923-24; Instructor, Brigham Young University, 1924-27; Principal, University High School, 1926-28; Assistant Professor of Secondary Teaching, 1927-32; Associate Professor, 1932-34; Professor of Educational Administration, 1934—.

LAVAL S. MORRIS............Professor of Landscape Architecture

B. S., Utah Agricultural College, 1923; M. S., Michigan State College, 1926; Graduate work, University of Southern California, Cornell University, Harvard 1930-33; Instructor in Horticulture, Brigham Young University, 1923-26; Assistant Professor, 1926-31; Associate Professor, 1931-34; Professor of Landscape Architecture, 1934—.

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*On leave of absence.

EFFIE WARNICK........................**Professor of Home Economics**
B. S., Utah Agricultural College, 1914; Graduate work, Columbia University, University of California, University of Chicago; Instructor, Branch Agricultural College, 1914-15; Instructor in Foods and Nutrition, Brigham Young University, 1922-23; in Household Administration, 1923-27; Assistant Professor, 1927-30; Associate Professor, 1930-35; Professor, 1935—.

A. REX JOHNSON....................................**Professor of Marketing**
B. S., Brigham Young University, 1924; Ph. D., George Washington University, 1935; Senior Economist, U. S. Civil Service Commission, 1930-34; Instructor in Office Practice, Brigham Young University, 1924-31; Assistant Professor of Economics 1933-34; Associate Professor of Marketing, 1934-35; Professor of Marketing, 1935—.

RICHARD P. CONDIE....................................**Professor of Music**
A. B., Brigham Young University, 1923; graduate of New England Conservatory of Music, 1926; graduate work, six months, American Conservatoire, France, 1927-28; private work in Paris and Rome, 1928-29; Associate Professor of Music, Utah State Agricultural College, 1932-1933; Instructor in Voice, McCune School of Music, 1933-1935; Professor of Music, Brigham Young University, 1935—.

GEORGE STEWART.....................**Special Professor of Agronomy**
B. S., U. S. A. C., 1913; M. S., Cornell University, 1918; Ph. D., University of Minnesota, 1926; Professor of Agronomy, U. S. A. C., 1919-1930; Senior Ecologist, Branch Research U. S. Forest Service, 1930—; Special Professor of Agronomy, Brigham Young University, 1932—.

LLOYD L. CULLIMORE..**Medical Director**
B. S., University of Utah, 1922; M. D., George Washington Medical College, 1925; Instructor in Physiology, George Washington Medical College, 1925-26; Instructor in Health Education, Brigham Young University, 1927; Assistant Medical Director, 1928-29; Medical Director, 1929—.

L. WESTON OAKS................................Associate Medical Director

M. D., Jefferson Medical College, 1919; Graduate work, Colorado Congress Otolaryngology, Denver, Summers of 1923, 1924, and 1925; Assistant Medical Director, Brigham Young University, 1924-1925; Medical Director, 1925-29; Associate Medical Director, 1929—.

HORACE G. MERRILL........................Associate Medical Director

A. B., Brigham Young University, 1914; M. D., Jefferson Medical College, 1908; F. A. C. S., American College of Surgeons, 1922; Graduate work, University of Edinburgh, University of Pennsylvania; North Chicago Hospital; Associate Medical Director, Brigham Young University, 1922—.

ROBERT SAUER.................................Associate Professor of Music

Graduate of Music School of Dresden, Germany; Student Siegel Meyer Music Conservatory of Chicago, 1905; Instructor of Music, Brigham Young University, 1905-20; Assistant Professor of Music, 1920-24; Associate Professor of Music, 1924—.

J. MARINUS JENSEN............ Associate Professor of English

A. B., Brigham Young University, 1912; M. A., University of Chicago, 1919; Graduate work, University of California, Stanford University, Columbia University; Instructor in English, Brigham Young University, 1910-19; Assistant Professor of English, 1919-21; Associate Professor, 1921—.

JOSEPH SUDWEEKS..................................Associate Professor of Educational Administration

B. S., University of Idaho, 1912; M. A., University of Chicago, 1920; Ph. D., University of Wisconsin, 1925; Instructor and Supervisor of Training, U. S. Veterans' Bureau, University of Idaho, 1920-23; Assistant in Department of Education, University of Idaho, 1920-21; Assistant Professor of Educational Administration, Brigham Young University, 1925-27; Associate Professor, 1927—.

CLARENCE S. BOYLE............Associate Professor of Accounting and Business Administration

B. S., Brigham Young University, 1924; M. S. in Retailing, New York University, 1926; Graduate work, New York University, 1926-27; Associate Professor of Accounting and Business Administration, Brigham Young University, 1927—.

WAYNE B. HALES ....**Associate Professor of Physics and Mathematics**

A. B., Brigham Young University, 1916; M. A., University of Utah, 1922; Ph. D., California Institute of Technology, 1926; Head of Physics and Mathematics Department, Ricks College, 1916-21; President Snow College, 1921-1924; Head of Physics Department, Weber College, 1926-30; Associate Professor of Physics, Brigham Young University, 1930—.

SIDNEY B. SPERRY..................................**Associate Professor of Religious Education**

A. B., University of Utah, 1917; M. A., University of Chicago, 1926; Ph. D., University of Chicago, 1931; Graduate work, American School of Oriental Research, Jerusalem, Palestine; Principal American Fork Seminary, 1922-24; Weber Seminary, 1924-25; Moroni Seminary, 1925-26; Pocatello Seminary and Institute, 1927-28; Director L. D. S. Institute, Moscow, Idaho, 1929-31; Associate Professor, Brigham Young University, 1932—.

HERMESE PETERSON............................**Associate Professor of Elementary Education**

B. S., Brigham Young University, 1928; Graduate work, Brigham Young College, Utah Agricultural College, Columbia University, University of Utah, University of California, University of Chicago; Primary Supervisor of Alpine School District, 1908-12; Study in Europe, 1928; Critic Teacher, Brigham Young University Training School, 1912-20; Primary Supervisor, 1920-23; Assistant Professor of Elementary Teaching, 1923-35; Associate Professor, 1935—.

WILLIAM H. BOYLE.................................**Associate Professor of Elementary Education**

A. B., Brigham Young University, 1913; M. A., 1923; Graduate work, University of California, University of Southern California; Principal, Brigham Young University High School, 1910-26; Assistant Professor of Elementary Education, 1923-35; Associate Professor, 1935—.

ED. M. ROWE..............................**Associate Professor of English**

A. B., Brigham Young University, 1923; Graduate work, Utah Agricultural College, Brigham Young University, University of Chicago, University of Wales, 1931-33; Principal, Spanish Fork High School, 1910-12; Instructor in English, Brigham Young University, 1924-27; Assistant Professor, 1927-35; Associate Professor, 1935—.

WILMA JEPPSON....................**Associate Professor of Physical Education for Women**
B. S., Brigham Young University, 1927; M. S., Columbia University, 1930; Graduate work, University of California, University of Wisconsin, Columbia University, New York University; Study Tour of Europe, 1932-33; Instructor in Physical Education for Women, Brigham Young University, 1923-30; Assistant Professor, 1930-35; Associate Professor, 1935—.

ALONZO J. MORLEY....................**Associate Professor of Speech**
A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; Graduate work, University of Iowa, 1934-35; Teacher of Public Speaking and Dramatic Art, Uintah County High School, 1925-26; Head of Speech Department, Weber County High School, 1926-27; Instructor in Speech, Brigham Young University, 1928-30; Assistant Professor, 1930-35; Associate Professor, 1935—.

IDA SMOOT DUSENBERRY....................**Assistant Professor of Psychology**
B. Pd., Brigham Young University, 1905; Graduate Chaurecey Hall College, Boston, 1908; Graduate Emerson College of Oratory, Boston, 1909; Graduate work, Pestalozzi Froebel House, Berlin Germany; Columbia University, University of Washington, University of California; Study in Europe, 1919-20; Director of Kindergarten Training, Brigham Young University, 1910-21; Assistant Professor, Floating University, 1930-31; Assistant Professor of Psychology, Brigham Young University, 1921—.

WILLIAM H. SNELL........**Assistant Professor of Mechanic Arts**
A. B., Brigham Young University, 1918; Graduate work, Bradley Polytechnic Institute, Brigham Young University; Instructor in English, Brigham Young University, 1915-17; Instructor in Woodwork, 1916-21; Assistant Professor of Mechanic Arts, 1921—.

EMMA BROWN....**Assistant Professor of Elementary Education**
B. S., Columbia University, 1924; M. A., Columbia University, 1934; Graduate work, University of Chicago; Study in Europe, 1928; Critic Teacher, University of Utah, 1908-10; Primary Supervisor, Box Elder County, 1913-15; Nebo School District, 1917-22; Primary Supervisor, Brigham Young University Training School, 1923-25; Assistant Professor of Elementary Education, 1925—.

CHARLES J. HART..................**Assistant Professor in Physical Education and Athletics**

B. S., Utah Agricultural College, 1922; M. A., New York University, 1932; Graduate work, Utah Agricultural College, University of Wisconsin; Instructor Teton High School, 1923-25; Instructor in Physical Education and Athletics, Brigham Young University, 1925-27; Assistant Professor, 1927—.

EDGAR M. JENSON............**Assistant Professor of Educational Adminstration, Director of Training Schools**

A. B., Brigham Young University, 1916; M. A., Brigham Young University, 1919; Graduate work, Stanford University; Head of Department of Education, Dixie College, 1919-1923; President, Dixie College, 1923-26; Instructor, Brigham Young University, 1927-28; Assistant Professor in Educational Administration and Principal University High School, 1928-35; Director of Training Schools, 1930—.

WILLIAM F. HANSON....................**Assistant Professor of Music**

Music Diploma, Brigham Young University, 1907; Teacher's Certificate, Chicago Musical College, 1924; Private work with Xaver Schaswenka, Maurice Aronson, Felix Borowski, Dr. Carl Busch, and H. B. Maxyott, 1924; Supervisor High School Music, Vernal, 13 years; Supervisor Public School Music, Brigham Young University, 1924-25; Instructor in Music, 1926-31; Assistant Professor, 1931—.

H. GRANT IVINS........**Assistant Professor of Animal Husbandry**

B. S., Utah State Agricultural College, 1917; Instructor in Animal Husbandry, Brigham Young University, 1929-31; Assistant Professor, 1931—.

KARL E. YOUNG............................**Assistant Professor of English**

B. S., Utah State Agricultural College, 1924; B. A. and M. A., Oxford University, 1934; Graduate work at Harvard University; Instructor in English, Brigham Young University, 1930-31; Assistant Professor of English, 1932—.

JOSEPH K. NICHOLES............**Assistant Professor of Chemistry**

A. B., Brigham Young University, 1916; M. A., Stanford University, 1924; President Dixie College, 1919-23, and 1926-33; Assistant Professor of Chemistry, Brigham Young University, 1933—.

RUSSELL SWENSON..**Assistant Professor of Religious Education**

A. B., Brigham Young University, 1931; M. A., University of Chicago, 1931; Ph. D., University of Chicago, 1934; Principal L. D. S. Seminary, Mesa, Arizona, 1926-27; Principal L. D. S. Seminary at Kamas, Utah, 1927-28; Principal L. D. S. Seminary at Hurricane, 1928-30; Assistant Professor of Religious Education, Brigham Young University, 1933—.

SETH T. SHAW........................**Assistant Professor of Horticulture**

B. S., Utah State Agricultural College, 1931; M. A., Utah State Agricultural College, 1932; Instructor in Horticulture, Brigham Young University, 1931-34; Assistant Professor, 1934—.

BERTRAND F. HARRISON.........**Assistant Professor of Botany**

B. S., Brigham Young University, 1930; M. S., Brigham Young University, 1931; Graduate work, University of Chicago; Assistant in Botany, Brigham Young University, 1930-31; Instructor in Botany, 1931-35; Assistant Professor, 1935—.

LOREN C. BRYNER.............**Assistant Professor of Chemistry**

B. S., Brigham Young University, 1928; M. S., Brigham Young University, 1930; Ph. D., Iowa State College, 1934; Assistant in Chemistry at Brigham Young University, 1928-30; Graduate Assistant in Chemistry at Iowa State College, 1930-35; Research Fellow at Iowa State College, summers of 1931 and 1932; Assistant Professor of Chemistry, Brigham Young University, 1935—.

JOHN E. HAYES..**Registrar**

B. S., Brigham Young University, 1924; Instructor, Brigham Young University, 1903—; Registrar, 1904—.

ANNA OLLORTON...**Librarian**

A. B., Brigham Young University, 1913; Graduate work, University of Chicago, University of Utah, Chautauqua Summer School, Columbia University; Assistant Librarian, Brigham Young University, 1919-23; Acting Librarian, 1923-31; Librarian, 1931—.

ANNIE L. GILLESPIE...**Library Cataloguer**

Principal West School, Provo, 1883-84; Assistant Librarian, Brigham Young University, 1906-11; Librarian, 1912-23; Cataloguer, 1923—.

KIEFER B. SAULS............................**Secretary to the President**
Purchasing Agent

B. S., Utah State Agricultural College, 1920; Graduate work, Utah State Agricultural College; Secretary to Director, Utah Agricultural Experiment Station, 1917-21; Secretary to President and Purchasing Agent, Brigham Young University, 1921—.

NETTIE NEFF SMART..**Dean of Women**

B. S., Brigham Young University, 1933; Student, Cornell University, 1907-09; Instructor Brigham Young University Training School, 1904-05; Instructor, Provo High School; Dean of Women, 1925—.

PERCIVAL P. BIGELOW.................**Instructor in Auto Mechanics**

Student University of Michigan, Brigham Young University; Head Mechanic, Utah Packard Motor Company, 1916; Foreman, Superior Motor Co., 1917-18; Mechanic, Hudson Motor Car Company Detroit, 1919; Instructor in Auto Mechanics, Brigham Young University, 1919—.

BERTHA ROBERTS..**Instructor in French**

A. B., Brigham Young University, 1926; Graduate work, University of Chicago, 1929; University of Paris, 1933-34; Instructor, Wasatch High School, 1918-19; Instructor in Office Practice, Brigham Young University, 1919-33; Instructor in French, 1934—.

NEWBURN I. BUTT.....................**Library and Research Assistant**

B. S., Utah Agricultural College, 1915; Graduate work, Utah State Agricultural College; Assistant Agronomist, Utah Agricultural College, 1915-18; Library and Research Assistant, Brigham Young University, 1922—.

ELSIE C. CARROLL ....**Instructor in English**

B. S., Brigham Young University, 1926; M. S., Brigham Young University, 1928; Student, Cornell University, University of Chicago, Stanford University; Head of English Department, Kanab High School, 1917-18; Provo High School, 1919-20; Instructor in English, Brigham Young University, 1926—.

STELLA P. RICH..**Instructor in English**

B. S., Brigham Young University, 1926; Instructor in the Public Schools of Utah and Idaho, 1911-1927; Student, University of Chicago; Instructor in English, Brigham Young University, 1927—.

HUGH W. PETERSON[*]..............................Instructor in Chemistry

A. B., 1916; M. A., 1928, Brigham Young University; Graduate work, University of Utah, Utah State Agricultural College, State University of Iowa; Teacher in High Schools of Wyoming and Utah, 1917-27; Instructor in Chemistry, Brigham Young University, 1927—.

ELLA LARSEN BROWN..............................Assistant Librarian

Student Cook County Normal School; Columbia University; Primary Supervisor, Utah County Schools, 1900-1902; Director, Brigham Young University Training School, 1902-1908; Assistant Librarian, Brigham Young University, 1923—.

FRED W. DIXON..............................Instructor in Physical Education and Athletics

B. S., Brigham Young University, 1926; Instructor in Physical Education and Athletic Director at Weber County High School, 1926-28; Graduate work, Utah Agricultural College; Instructor in Physical Education and Athletics, Brigham Young University, 1928—.

C. LAVOIR JENSEN..............................Instructor in Mathematics

Student Brigham Young College and University of Utah; Instructor, Logan High School, 1915-16; Principal, Midvale Schools, 1917-21; Instructor, Brigham Young University High School, 1921—.

GRACE NIXON STEWART[*]..............................Instructor in Speech

B. S., Brigham Young University, 1921; Student, Leland Powers School of Spoken Word, Rice School of Speech, Oxford University, England, London University, London Royal Academy; Special Instructor in Speech, Brigham Young University, 1928-34; Instructor in Speech, 1934—.

GLADYS D. BLACK..............................Instructor in English

Ph. B., University of Chicago, 1924; M. A., Columbia University, 1930; Instructor in English, Provo High School, 1924-26; Instructor in English, Central High School, Springfield, Illinois, 1927-28; Instructor in English, Brigham Young University, 1928—.

BILLIE HOLLINGSHEAD..............................Instructor in Mathematics

A. B., Texas State College for Women, 1922; M. A., Brigham Young University, 1929; Graduate work,

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[*] On leave of absence.

Columbia University, University of Southern California; Instructor in Valdez High School, Valdez, Alaska, 1922-23; Instructor in Star Valley High School, 1924-26; Instructor in Kohala High School, Kohala, Hawaii, 1927-28; Instructor in Brigham Young University High School, 1929—.

CARMA BALLIF....**Instructor in Physical Education for Women**
Assistant in Secretary's Office

B. S., Brigham Young University, 1927; Graduate work, University of Wisconsin; Assistant in Secretary's Office, 1927—; Instructor in Physical Education for Women, 1934—.

MARGARET SUMMERHAYS........................**Instructor in Music**

Graduate of New England Conservatory of Music, 1916; Student of Frederick H. Haywood, Mme. Sophie Cehanovske, Edmund G. Meyer; Special Instructor in Music at Brigham Young University, 1927-29; Instructor in Music, 1930—.

MARGARET SWENSEN*...............**Instructor in Home Economics**

B. S., Brigham Young University, 1926; Instructor in Richfield High School, 1926-29; Instructor in Brigham Young University, 1929—.

W. ELMO COFFMAN*....................................**Instructor in Science**

B. S., Utah State Agricultural College, 1920; M. S., Brigham Young University, 1932; Graduate work, Brigham Young University, University of Utah; Instructor in Payson High School, 1920-21; Instructor in Springville High School, 1921-28; Principal, Minersville High School, 1928-29; Instructor in Science, Brigham Young University, 1929—.

EDNA SNOW...**Instructor in Science**

B. S., Brigham Young University, 1924; M. S., Brigham Young University, 1931; Graduate work, University of California; Instructor in Science, Brigham Young University, 1929—.

OA LLOYD..**Instructor in Office Practice**

Assistant in Office Practice, Brigham Young University, 1928-30; Instructor, 1931—.

C. LYNN HAYWARD...................................**Instructor in Zoology**

B. S., Brigham Young University, 1927; M. S., Brigham Young University, 1931; Instructor in Fielding High School, 1927-30; Assistant in Zoology, Brigham Young University, 1930-31; Instructor, 1931—.

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*On leave of absence.

J. KNIGHT ALLEN*..........................Instructor in Accounting and Busines Administration

B. S., Brigham Young University, 1926; M. B. A., Stanford University, 1930; Special Instructor in Brigham Young University, 1930-31; Instructor in Accounting and Business Administration, 1931—.

GUSTAVE BUGGERT..Instructor in Music

Graduate of Music School of Madgeburg, Germany; Instructor in Music, Brigham Young University, 1930—.

MAY BILLINGS....................................Instructor in Home Economics

B. S., Brigham Young University, 1933; Student of Columbia University, Utah State Agricultural College, University of California, Colorado Agricultural College, University of Utah; Instructor in Clothing, Latter-day Saints University, 1920-31; Instructor in Home Economics, Brigham Young University, 1932—.

ALINE COLEMAN SMITH..........Instructor in Physical Education for Women

B. S., Brigham Young University, 1933; Graduate work, University of Wisconsin; Assistant in Physical Education for Women, Brigham Young University, 1929-32; Instructor, 1932—.

CARLTON CULMSEE.......................Instructor in Journalism and Secretary Extension Division

B. S., Brigham Young University, 1932; Graduate work, University of Southern California; Secretary, Extension Division, 1932; Instructor in Journalism, Brigham Young University, 1933—.

BEULAH STRICKLER SWENSON................Instructor in Office Practice

B. S., Brigham Young University, 1932; Instructor in Office Practice, Brigham Young University, 1933—.

ALVA J. JOHANSON...................................Instructor in Chemistry

A. B., Brigham Young University, 1931; M. A., Brigham Young University, 1934; Assistant in Chemistry Brigham Young University, 1931-1934; Instructor in Chemistry, 1934—.

IRENE S. BARLOW....................**Instructor in Home Economics**
B. S., Utah State Agricultural College, 1919; M. S. University of Chicago, 1934; Instructor in Home Economics, Brigham Young University, 1934—.

GOLDEN L. WOOLF............**Instructor in Secondary Education**
Principal University High School
A. B., Brigham Young University, 1934; Instructor in Languages, Brigham Young University, 1934-35; Instructor in Secondary Education, 1935—; Principal, University High School, 1935—.

WILFORD D. LEE.......................................**Instructor in English**
A. B., Brigham Young University, 1934; Instructor in English, Brigham Young University, 1934—.

HELEN CANDLAND...................................**Instructor in English**
A. B. Brigham Young University, 1924; Graduate work: Brigham Young University, University of Utah, Columbia University; Instructor in English, Bingham High School, 1926-1933; Instructor in English, Brigham Young University, 1934—.

O. MEREDITH WILSON............................**Instructor in History**
A. B., Brigham Young University, 1934; Assistant in History, Brigham Young University, 1934-35; Instructor in History, 1935—.

EDWIN R. KIMBALL..............................**Instructor in Physical**
Education and Athletics
B. S., Brigham Young University, 1926; M. S., University of Southern California, 1935; Instructor in Physical Education and Athletics, Millard County High School, 1926-27; Instructor in Mathematics and Athletic Director in Grand County High School, 1927-30; Instructor in Physical Education and Athletics, Jordan High School, 1931-35; Instructor in Physical Education and Athletics, Brigham Young University, 1935—.

JOHN H. SMITH...................................**Instructor in Economics**
B. S., University of Pennsylvania, 1929; Assistant to General Manager in charge of Production Control, Schlage Lock Company, San Francisco, California, 1929-33; Sales and Merchandising, Liver Brothers Company, Salt Lake City, 1933-35; Instructor in Economics, Brigham Young University, 1935—.

REHA JOHNSON.........................**Instructor in Home Economics**
B. S., Utah State Agricultural College, 1930; Graduate work, Merrill-Palmer School, 1931-32; Adult

Education, Utah State Department of Public Instruction, 1932-33; Head of Home Economics Department, Branch Agricultural College, 1933-35; Instructor in Home Economics, Brigham Young University, 1935—.

VIRGINIA BOOTH........................**Instructor in Home Economics**
B. S., Brigham Young University, 1931; Instructor in Millard County High School, 1931-34; Instructor in Juab High School, 1934-35; Instructor in Home Economics, Brigham Young University, 1935—.

FERN CHRISTENSEN.....................**Assistant in Office Practice**
Assistant in Office Practice, Brigham Young University, 1935—.

HAROLD T. CHRISTENSEN.......................**Assistant in Sociology**
B. S., Brigham Young University, 1935; Assistant in Sociology, Brigham Young University, 1935—.

TRAINING SCHOOL FACULTY

MAY C. HAMMOND, B. S., Instructor in Elementary Training School.

BARBARA MAUGHN, B. S., Instructor in Elementary Training School.

GLADYS KOTTER, B. S., Instructor in Elementary Training School.

GEORGIA MAESER, B. S., Instructor in Elementary Training School.

FLORA D. FISHER, Instructor in Elementary Training School.

THELMA LUDLOW, A. B., Instructor in Elementary Training School.

HAZEL CLYDE WATKINS, M. A., Instructor in Kindergarten.

SPECIAL INSTRUCTORS

ELMER NELSON, Instructor in Piano.

HANNAH C. PACKARD, Special Instructor in Vocal Music.

GEORGE W. FITZROY, Special Instructor in Piano.

JOSEPH J. KEELER, Instructor in Organ and Piano.

DONALD P. OLSEN, Instructor in Violin.

BRIGHAM T. HIGGS, Superintendent Buildings and Campus.

KARL MILLER, Assistant Superintendent Buildings and Campus.

STANDING COMMITTEES

The President is ex-officio a member of all committees.

Admission and Credits—John E. Hayes, Lorin C. Bryner.

Aiding Graduates to Obtain Employment—A. N. Merrill, K. B. Sauls, the Deans.

Alumni Directory—A. Rex Johnson.

Athletics—P. A. Christensen, G. O. Romney, J. W. Knight, H. R. Merrill, K. B. Sauls, H. Grant Ivins, President of Student Body, President of Alumni Association, C. L. Jensen, Manager of Athletics.

Attendance and Scholarship—W. H. Boyle, T. L. Martin, Joseph K. Nicholes, May Billings.

Awards and Prizes—T. E. Pardoe, Richard P. Condie, C. J. Hart.

Campus—L. S. Morris, Seth Shaw, E. H. Eastmond, B. F. Harrison.

Care of Girls' and Women's Activities—Dean of Women, Margaret H. Eastmond, Effie Warnick, Hermese Peterson.

Catalogue and Other Quarterlies—E. H. Holt, J. E. Hayes, K. B. Sauls, N. I. Butt.

Debating—J. C. Swenson, Wm. J. Snow, Elmer Miller, T. E. Pardoe, O. M. Wilson.

Eligibility—Milton Marshall, H. Grant Ivins, J. E. Hayes.

Graduation—B. F. Cummings, Joseph Sudweeks, M. W. Poulson.

Lectures and Musicals—J. C. Swenson, Herald R. Clark.

Library—Alice L. Reynolds, M. W. Poulson, W. J. Snow, S. B. Sperry, Librarian.

Personnel—C. S. Boyle, Thos. L. Martin, Wm. J. Snow, A. C. Lambert, R. Swenson.

Petitions—H. M. Woodward, C. E. Maw, V. M. Tanner.

Publicity—L. Nelson, E. H. Holt, K. B. Sauls, H. R. Merrill, G. O. Romney, J. M. Jensen, Carlton Culmsee.

Schedule of Events—K. B. Sauls, G. de Jong.

Schedule of Classes—E. H. Holt, N. I. Butt.

Social Affairs—Elmer Miller, G. H. Hansen, Dean of Women, Wilma Jeppson, Karl E. Young, S. T. Shaw.

Social Units—G. H. Hansen, G. de Jong, A. Rex Johnson, Registrar, Dean of Women, Wilma Jeppson, and Student Representatives.

Student Accommodations—W. B. Hales, W. H. Snell, P. P. Bigelow, Dean of Women, Alva Johanson.

Student Aid and Employment—A. Rex Johnson, Dean of Women, Kiefer B. Sauls, Russell Swenson.

Student Publications—C. Culmsee, E. H. Eastmond, B. F. Larsen.

Faculties of L. D. S. Institutes and Seminaries

1935-36

COLLEGIATE INSTITUTES

Logan Institute	Thomas C. Romney	Logan, Utah
Moscow Institute	George S. Tanner	Moscow, Idaho
Pocatello Institute	J. Wiley Sessions	Pocatello, Idaho
Salt Lake City Institute	Lowell L. Bennion	160 University St. Salt Lake City, Utah

SENIOR SEMINARIES

Seminary	Teacher	Address
American Fork	E. Ray Gardner	American Fork, Ut.
Ammon	Lucius Clark	Idaho Falls, Idaho
Bancroft	Reed G. Probst	Bancroft, Idaho
Barnes, John R.	George C. Ensign	Kaysville, Utah
	Effie M. Chadwick	Kaysville, Utah
		Kaysville, Utah
Bear River	Arthur Welling	Garland, Utah
	Alma W. King	Garland, Utah
Beaver	Wendell M. Rigby	Beaver, Utah
Blackfoot	G. Byron Done	Blackfoot, Idaho
Blanding	Wayne H. Redd	Blanding, Utah
Box Elder	John P. Lillywhite	Brigham City, Utah
	Harold S. Nelson	Brigham City, Utah
		Brigham City, Utah
Burley	R. Golden May	Burley, Idaho
Castle Dale	Nephi L. Williams	Castle Dale, Utah
Cedar City	Gustive O. Larsen	Cedar City, Utah
Delta	M. W. Moody	Delta, Utah
	Margaret Gardner	Delta, Utah
Downey	H. W. Lawrence	Downey, Idaho
Ephraim	Newton E. Noyes	Ephraim, Utah
Escalante	Asahel D. Woodruff	Escalante, Utah
Franklin County	James DeBry	Preston, Idaho
	Ernest Eberhard, Jr.	Preston, Idaho
Grace	Heber D. Clark	Grace, Idaho
Grantsville	Nicholas Van Alfen	Grantsville, Utah
Gunnison	J. Clayton Watts	Gunnison, Utah
Granite	Frank K. Seegmiller	2746 So. 9th East Salt Lake City, Utah

Seminary	Teacher	Address
Granite	James E. Moss	2059 E. 48th South Salt Lake City, Utah
	Merrill D. Clayson	1331 Murphy's Lane Salt Lake City, Utah
	William E. Berrett	Salt Lake City, Utah
Hinckley	Rulon T. Hinckley	Hinckley, Utah
Jordan	Carter E. Grant	Sandy, Utah
	D. Stanley Adams	Sandy, Utah
	Melissa B. Glover	R. F. D., Midvale, Utah
Juab Stake	LeRoy Whitehead	Nephi, Utah
Kanab	Brandt D. Jorgensen	Kanab, Utah
Lehi	H. Alvah Fitzgerald	Lehi, Utah
Logan	E. J. Passey	Logan, Utah
	L. Ray Robinson	Logan, Utah
Lovell	John L. Clarke	Lovell, Wyoming
Lyman	Willis J. Lyman	Lyman, Wyoming
Malad	Samuel D. Moore, Jr.	Malad, Idaho
Manassa-Sanford	Stanley E. Best	Sanford, Colorado
Manti	Leland E. Anderson	Manti, Utah
Mesa	J. Ralph Wilkins	Mesa, Arizona
Midway	Ariel S. Ballif	Menan, Idaho
Millard Stake	LeRoy B. Groberg	Fillmore, Utah
Montpelier	S. H. Spencer	Montpelier, Idaho
Morgan	C. Calvin Geary	Morgan, Utah
Moroni	Joseph W. Olsen	Moroni, Utah
Mount Pleasant	A. H. Anderson	Mt. Pleasant, Utah
Murray	Frank W. McGhie	Murray, Utah
Nebo Stake	John F. Oleson	Payson, Utah
North Cache	Elijah M. Hicken	Richmond, Utah
	Ernest Frandsen	Richmond, Utah
		Richmond, Utah
North Emery	David G. Thomas	Huntington, Utah
North Sevier	S. Ross Hunt	Salina, Utah
Oakley	J. Wayne Moss	Oakley, Idaho
Oquirrh Stake	Alfred Nielsen	3805 S. 52nd West Salt Lake City, Utah
Panguitch	Kenneth F. Fechser	Panguitch, Utah
Paris	Ben F. Hulme	Paris, Idaho
Phoenix	May G. Kershaw	1029 E. Moreland Phoenix, Arizona
Piute County	Allen C. Reynolds	Circleville, Utah
Pocatello	Almon L. D. Brown	Pocatello, Idaho
Provo	J. A. Washburn	Provo, Utah
	Milton R. Hunter	Provo, Utah
	Joseph S. Fish	Provo, Utah
Rexburg	H. Lester Petersen	Rexburg, Idaho
Richfield	Newel K. Young	Richfield, Utah
Rigby	L. N. Judkins	Rigby, Idaho
Roosevelt	Stanley R. Gunn	Roosevelt, Utah

Seminary	Teacher	Address
Round Valley	B. Alva Maxwell	Eagar, Arizona
Rupert-Heyburn	Jesse L. Roberts	Rupert, Idaho
Salt Lake City (E.)	James E. Moss	2059 E. 48th South Salt Lake City, Utah
	M. Douglas Wood	420 North Main Salt Lake City, Utah
Salt Lake City (S.)	Merrill D. Clayson	1331 Murphy's Lane Salt Lake City, Utah
	Joseph E. Richards	165 Canyon Road Salt Lake City, Utah
Salt Lake City (W)	Daryl Chase	333 W. 1st North Salt Lake City, Utah
	William E. Berrett	Salt Lake City, Utah
	Wallace F. Toronto	227 South 4th East Salt Lake City, Utah
Sharon Stake	Victor C. Anderson	Provo, Utah
	Myrl Wentz	R. F. D. (Orem) Provo, Utah
Shelley	Elwood B. Allred	Shelley, Idaho
Snowflake	William C. Smith	Snowflake, Arizona
South Cache	J. Karl Wood	Hyrum, Utah
	M. W. Smith	Hyrum, Utah
South Emery	Pearson H. Corbett	Ferron, Utah
South Rich	Mearl C. Peart	Randolph, Utah
South Sevier	Vernon L. Israelsen	Monroe, Utah
South Summit	Silas L. Cheney	Kamas, Utah
Spanish Fork	E. Cecil McGavin	Spanish Fork, Utah
	Laura Shepherd	Spanish Fork, Utah
Springville	William T. Tew, Jr.	Springville, Utah
	Laura Shepherd	Springville, Utah
St. Johns	Lorenzo B. Decker	St. Johns, Arizona
Star Valley	Ernest R. Clark	Afton, Wyoming
Sugar City	Leon M. Strong	Sugar City, Utah
Summit Stake	Lester M. Norberg	Coalville, Utah
Teton Stake	Robert G. Gibbons	Driggs, Idaho
Timpanogos Stake	Hyrum P. Jones	Pleasant Grove, Ut.
Tooele	LeRoi Bentley	Tooele, Utah
Ucon	Grant M. Andrus	Ucon, Idaho
Vernal	H. Grant Vest	Vernal, Utah
Wasatch	David A. Broadbent	Heber, Utah
Wayne Stake	Leo K. Homer	Bicknell, Utah
Weber	F. G. Eyre	Ogden, Utah
	Elmer Peterson	Ogden, Utah
		Ogden, Utah
Zion Park	A. Noble Kimball	Hurricane, Utah

PART-TIME SEMINARIES

Cowley		Cowley, Wyoming
Duchesne Stake		Mt. Emmons, Utah

Historical

The Brigham Young University, formerly designated the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875.

It is in charge of twelve trustees, elected triennially, by the vote of the Latter-day Saints, acting through the First Presidency of the Church of Jesus Christ of Latter-day Saints.

For many years it was dependent upon fees and the proceeds of the original endowment for its maintenance, but in recent years an annual church appropriation has been the chief source of its financial support.

Buildings. The first home of the institution was a mercantile building, standing on the present location of the Farmers and Merchants Bank.

Subsequently, this building, with several additions, was destroyed by fire. The school, however, resumed its sessions with the loss of but one day. The basement of the Stake Tabernacle, a store, and the First National Bank building, housed the school for a short time.

From these temporary quarters it moved into the upper story of the Z. C. M. I. warehouse, at the corner of Sixth South street and University avenue. This was the home of the school for seven years.

In 1891 the school moved to what is now known as the Education building, a structure costing $75,000, made possible chiefly through the personal credit of President Abraham O. Smoot and his associates on the Board of Trustees.

The College building, a gift of ten persons whose names are upon a marble tablet in a hall of the building, was erected in 1898. The responsibility for raising the funds for this building was undertaken voluntarily by Reed Smoot, a member of the Board of Trustees.

The Training School Building was built in 1902, the cost of which was met by the contributions of friends of the school, chief among whom was "Uncle" Jesse Knight.

The Art building was erected in 1904, a gift of the nearby stakes comprising what was known at that time as the B. Y. U. academic district.

The Alumni Association, in honor of Dr. Karl G. Maeser, presented the institution with the Maeser Memorial building in 1911. The cost of this building was $112,000.00. "Uncle" Jesse Knight contributed liberally to the Alumni Association in this project. The heating plant and furnishings were provided by the Church. This building was the first to be erected on University Hill.

The Women's Gymnasium, which is also a recreation building, was erected in 1913.

The Mechanic Arts building, a one-story structure, on University Hill, was erected in 1919.

The Heber J. Grant Library building, also on University Hill, was erected in 1925.

The last three named buildings were built by Church appropriations.

In 1935, two stories were added to the Mechanic Arts building to provide additional classrooms and laboratories.

Campus. The first campus of the school was limited to a small playground back of the building which was destroyed by fire. The present Education building was erected in the center of a block 24 by 24 rods.

Then came the purchase of University Hill. As early as 1904, steps were taken to acquire land on this site. A purchase of seventeen acres was made from Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by an alumnus, and the point of the hill by the student body. The remaining area comprising the present campus of seventy-five acres, was purchased by the University, following a movement initiated by the Alumni Association.

Administration. The first faculty consisted of the principal and two assistants, Dr. Karl G. Maeser, Dr. Milton H. Hardy, and Kristina Smoot. Dr. Karl G. Maeser served as principal until 1891, when he was called to the general superintendency of Church schools. Dr. Benjamin Cluff, Jr., succeeded Dr. Maeser and served as the executive head of the school until December 22, 1903. Dr. George H. Brimhall succeeded Dr. Cluff and served the institution as president until April 26, 1921, when he was made president-emeritus. On the same date Dr. Franklin Stewart Harris was appointed president, taking office July 1, 1921.

Educational Growth. The first credential granted by the institution was a teacher's certificate given on the completion of one year's normal work. This was followed by a certificate requiring two years' normal work, followed later by the degree of Bachelor of Pedagogy, issued upon the completion of four years' normal work.

Later the Bachelor of Arts and Bachelor of Science degrees were authorized to be conferred upon the completion of the regular four years college courses.

Master degrees have been authorized since 1918.

On February 11, 1909, by an action of the General Church Board of Education the collegiate department of the University was designated The Church Teachers' College.

At the beginning of the school year 1920-21, the name Church Teachers' College was changed to School of Education, and the School of Arts and Sciences was established.

During 1921 a college of Commerce and Business Administration was organized and courses leading to a degree of Bachelor of Science outlined. The names, School of Education and School of Arts and Sciences, were changed to College of Education and College of Arts and Sciences. At the same time an Extension Division, a Research Division, and a Graduate Division were organized.

January 25, 1922, a college of Applied Science was established to include the departments of Agronomy, Animal Husbandry, Art, Auto Mechanics, Foods and Nutrition, Horticulture, Household Administration, Textiles and Clothing, and Woodwork.

On April 21, 1925, a College of Fine Arts was established to include the departments of Art, Music and Speech.

During the year 1928-1929 the Y Stadium was completed, the name of the College of Commerce and Business Administration was changed to College of Commerce; and the Graduate Division was changed to Graduate School.

University Credits Recognized. The Brigham Young University is on the list of approved colleges of the Association of American Universities. It is also a member of the Northwest Association of Secondary and Higher Schools, the American Council on Education, and the Association of American Colleges.

ORGANIZATION

The Brigham Young University as now organized comprises:

1. **A College of Applied Science**
2. **A College of Arts and Sciences**
3. **A College of Commerce**
4. **A College of Education**
5. **A College of Fine Arts**
6. **A Graduate School**
7. **An Extension Division**
8. **A Research Division**

Elementary and Secondary Training Schools are maintained in connection with the College of Education.

DEPARTMENTS OF INSTRUCTION

Accounting and Business Administration
Agronomy
Animal Husbandry
Art
Bacteriology

Botany
Chemistry
Economics
Educational Administration
Elementary Education
English
Finance and Banking
Geology and Geography
History
Home Economics
Horticulture
Landscape Architecture
Library
Marketing
Mathematics
Mechanic Arts
Modern and Classical Languages
Music
Office Practice
Physical Education
Physics
Political Science
Philosophy of Education
Psychology
Religious Education
Secondary Education
Sociology
Speech
Zoology and Entomology

UNIVERSITY FEES

College and Graduate Students:

Registration fee for full year if paid at beginning of Autumn quarter	$70.00
Registration fee for less than the full year, the quarter	25.00
Withdrawal deposit	1.00
Student activity fee, each quarter	5.00
(Or $12.50 for the year if paid in advance)	
A gymnasium service fee, each quarter	1.00

Secondary Training School:

Senior High School—10th, 11th, 12th grades, the year	$20.00
Activity fee	3.00
Gymnasium service fee, the year	.50
Junior high school—7th, 8th, 9th grades	10.00

Elementary Training School:

1st to 6th grades, the year	$10.00

Special Fees:

Late registration (after first week of each quarter)	$ 2.00
Special students (eight credit hours or less), for each hour	2.50
Special examinations, for each hour (Provided the maximum fee in any one subject shall not exceed $20.00)	2.50
Graduation:	
Degree	$10.00
Diploma	5.00

Special fees are charged for private instruction in Vocal and Instrumental Music, Speech, and some special courses in Art.

Breakage deposit is required in the department of Chemistry, and special laboratory fees in Bacteriology, Photography, Soil Fertility and Zoology. A special fee of $5.00 is charged those who elect Secondary or Elementary Training.

STUDENT EXPENSES

The cost of books varies from $5.00 to $10.00 a quarter, depending upon the number and the nature of the courses elected.

Board and room in private homes costs from $3.50 to $5.50 per week. By renting rooms and boarding themselves, students are able to reduce considerably the cost of room and board. In some cases it has been reduced to $10.00 a month.

If students desiring assistance will call on the Students' Accommodation Committee when they arrive in Provo, they will be directed to the kind of place they wish. When students desire to change boarding places, they are expected to call on and notify the chairman of this committee.

The University insists that boys and girls be housed separately. The boarding houses are inspected to see that accommodations are satisfactory. The University maintains a Cafeteria, where students may secure the noon meal at cost.

REFUNDS

No refunds will be granted to students who are requested to withdraw from the University because of scholarship or any other cause.

All students when paying fees are given official receipts from the Secretary's Office. These receipts must be presented before refunds are allowed. The students, therefore should exercise care that the receipts are not lost or mislaid.

All fees except $5.00 will be refunded to any student in residence who withdraws during the first week of the quarter. One-half of all fees paid will be refunded to any student in residence who withdraws during the second or third week of the quarter. No refunds will be allowed after the third week.

ENDOWMENTS

The Jesse Knight Endowment Fund. On December 21, 1914, the late Jesse Knight made an endowment to the University of one hundred thousand dollars in six percent bonds. The interest payments on these bonds, together with the payments on bonds which have matured, have been placed at interest, and the cash credit on this account now represents approximately twice the amount of the original endowment.

The Brigham Young University Permanent En-

dowment Fund. June 4, 1929, the B. Y. U. Associated Alumni initiated a **permanent endowment fund** for the University. Some very generous contributions and subscriptions were made at this alumni reunion, and the work of building such an endowment has been carried forward by the alumni and school officials with very gratifying results. Members of the graduating classes since that time have shown a remarkably loyal spirit by subscribing to this fund.

LOAN FUNDS

The Emmeline B. Wells Relief Society Loan Fund. In honor of Emmeline B. Wells, the General Board of the Relief Society has established a loan fund to assist young women to complete their school work. The lending of this fund is under the supervision of the Deans' Council.

Student Loan Fund. The Sophomore class of 1922 established a loan fund to assist students to complete their school work. This fund is augmented each year, the Sophomore class assuming the responsibility for making an annual addition. The lending of this fund is under the supervision of the Deans' Council.

Harmon Foundation Student Loan Fund. The Brigham Young University has been chosen by the Harmon Foundation as one of the limited number of colleges in the United States whose students may receive assistance in financing their education. Juniors and Seniors, up to a given number each year, may borrow money from this fund. The Harmon Foundation is a strong financial organization now rendering financial assistance to students in many of the colleges in the United States. A faculty committee represents the University in making these loans.

Gamma Phi Omicron Loan Fund. The Home Economics Club of the University (Gamma Phi Omicron) has established a loan fund to assist students of the Home Economics department. The lending of this fund is under the supervision of the Deans' Council.

Alpha Kappa Psi Loan Fund. The Alpha Kappa Psi has established a loan fund for senior students of the College of Commerce. The lending of this fund is under the supervision of the Deans' Council.

Federation of Women's Clubs Loan Fund. The First District Federation of Women's Clubs of Utah has established a loan fund to be lent to the senior girls of the University. The lending of this fund is under the supervision of the Dean's Council.

ASSOCIATED STUDENTS

General Organization. This organization is composed of all students who attend Brigham Young University and is presided over by officers elected by them. It seeks to develop interest on the part of every student in all those activities which contribute to a more democratic "Y" spirit, and to furnish opportunities for all students to participate in those activities which interest them most. Through this organization, student traditions are kept alive. All interclass and intercollegiate activities are encouraged and unified by this organization. Forensic, dramatic, and music activities are fostered by and are under its management and through it the students publish the school periodicals and also the University year book, the "Banyan." The organization also functions as an auxiliary of the school discipline.

Associated Women Students. This is an organization comprised of all girls registered in the institution. Its purposes is to aid and foster all girls' activities. This organization is also a member of the Western Division of the National Organization of Associated Women Students, which includes practically all of the universities and colleges in the United States.

The Presidents Club. This club is composed of the presidents of all clubs, units, classes or any other student organization upon the campus. Its purpose is to keep union and harmony in student activities by keeping the organizations united, and to maintain a student union, rather than cliquishness, and club consciousness. The President of the Associated Students presides over it and calls the club together whenever it is thought advisable by the Student Council.

Block "Y" Club. An organization of students who have won a Block "Y" in intercollegiate athletic or forensic competition. Its purpose is to foster the traditions of the school, keep alive the athletic and forensic spirit, encourage a true spirit of sportsmanship and to meet visiting teams of athletes or debators and help to encourage friendly relations with their institutions.

White Key. Women's honorary organization installed on the campus in 1933. Membership consists of girls outstanding in service, scholarship, and "pep." Its purpose is to foster university activities of merit and to render service to the associated students.

CLUBS AND SOCIETIES

To enlarge the educational and social opportunities of the university, units, clubs, and societies are organized. In these groups, the spirit of the institution is fostered, and democracy is especially encouraged.

SOCIAL-UNIT ORGANIZATION

The University recognizes proper social development as one of the important by-products of college training. For many years this social opportunity has been provided through the class and club organizations of the institution, but in recent years these organizations have become too large to provide students with the intimate social contacts, and opportunities for leadership which are thought desirable.

To provide suitable opportunity for the fulfillment of this purpose the Social Unit Organization was adopted.

The plan provides that every student in the University shall belong to a social unit. These units include from twenty to thirty members, grouped on the basis of sex, social interest and congeniality. The whole scheme is democratically controlled by the Social-Unit Committee, which consists of members from faculty, classes, and other organized groups in the University. The Inter-Social-Unit Council, made up of representatives from each Social Unit, has jurisdiction over the internal affairs of the units, such as fees, costs of entertainments, etc.

The Social Units are doing much to keep alive the social ideals of the University and to perpetuate the democratic social traditions characteristic of the Student Body.

DEPARTMENTAL ORGANIZATIONS

This group of organizations has the specific purpose of bringing together persons of similar scholastic interests and of rendering their work more pleasurable and profitable. Each group will foster the activities of the department to which it is allied. The eligibility rules thereof will be such that any member of the department may qualify for membership by meeting the scholastic requirements imposed by the organization. The fees will be reduced to a minimum. Each organization will have a faculty advisor. The following departmental clubs and societies have been organized:

The "Ag" Club. This organization is open to all students of Agriculture, the purpose being to meet and receive instruction from men who have succeeded practically and scientifically in the agricultural work of the state. Meetings are held every alternate Wednesday afternoon. Social functions in conjunction with the Home Economics department are featured during the year.

David Starr Jordan Biology Club. This club aims to develop interests in all forms of biological study and has, for its major project, the building of a library of natural science literature. Some 250 volumes have been collected by club members. The increasing animal and plant collections of the department and the new laboratory at Utah Lake, offer interesting material for new students. Outside of resident students, the membership consists of faculty members, alumni and prominent townspeople.

Delta Phi. An organization open to all male students who have done regular missionary work. Its purpose is to foster fellowship, missionary ideals, and sociability. Luncheons and programs are given during the school year at which prominent men of the Church and state are the principal speakers. This chapter is associated with like chapters at the Utah Agricultural College, Weber College, and the University of Utah.

Drama League. The purpose of this league is to foster the art of reading and dramatics, to appreciate paintings and music, and to give opportunity to its members to hear lectures and readings from the best talent of the state as well as those who are on the lecture platform and the stage. The society meets weekly. It is affiliated with the Drama League of America.

French, Spanish, German, and Latin Clubs. Teachers and students interested in the study of French or Spanish or German or Latin are organized into clubs. These clubs meet twice a month and enjoy programs of songs, talks, reports, games, etc., in which the foreign language is the medium of speech. Membership is open not only to students but also to all people within easy reach of the University who have studied or are studying the modern languages. Membership privileges are especially extended to people of the community of French, German, Spanish or Spanish-American birth.

Gamma Phi Omicron. (Home Economics.) An organization of the advanced students majoring in some phase of Home Economics. Its purpose is to develop culture and scholarship among its members, and to lend its aid in establishing better homes and community life.

Home Economics Club. The club is organized to create a professional spirit among the students of Home Economics. Regular meetings are held at which interesting lectures are given. Special activities are fostered. All girls registered in Home Economics courses are eligible for membership.

Graduate Club. This club is an organization of the students of the University who are pursuing graduate study. The purpose of the organization "shall be to foster fellowship among its members; to stimulate a desire for higher learning; to assist in finding and developing leadership in the communities; and to use every effort to enhance the interests of the Brigham Young University." A student becomes a member automatically upon registration in the graduate division.

Literary Club. The purpose of this organization is to develop greater appreciation of good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others.

Psychology Club. An organization to foster a better understanding of scientific psychology, and to supplement the regular courses of the department by affording the opportunity of discussing certain current problems by advanced students and outside speakers.

Studio Guild. This organization is for the benefit of students having special talent in any particular phase of fine art and applied art. Lectures on practical topics in connection with arts and crafts are given by members of the faculty and other recognized educators. Exhibitions of artists' and of craftsmen's work are held under the auspices of this organization.

Yeshara—Women's Missionary Club. An organization of women students who have been engaged in active missionary service. Its purpose is to preserve the missionary spirit among the students and alumnae of the University and to render help where possible to women missionaries in the field.

The "Y" Chemical Society. An organization consisting of students interested in the field of chemistry. Meetings are held every alternate week, at which time lectures dealing with the outstanding problems in chemistry, or material intimately connected with this field are given by authorities on the specific subjects. Various excursions to the outstanding institutions of scientific value and interest in the state are sponsored.

International Relations Club. The purpose of this club is to stimulate interest in a clearer understanding of international problems and to develop a spirit of world helpfulness and peace. The club is sponsored by the Carnegie Endowment for International Peace. It is under the general supervision of the department of Political Science.

Geographical Clubs are organized for the furthering of social enjoyment and the establishing of bonds of sympathy between the school and the home.

NATIONAL FRATERNITIES

Theta Alpha Phi. National professional dramatic fraternity. Co-educational. The Utah Beta Chapter was installed at this institution in 1924. The purpose is to foster artistic achievement in all of the arts and crafts of the theater.

Tau Kappa Alpha. Honorary national debating fraternity. Those who engage in inter-collegiate debating and oratory or who attain marked distinction in forensic activity are eligible to membership.

Alpha Kappa Psi. (Beta Delta Chapter.) A professional commerce fraternity the purpose of which is to foster studies in commerce, encourage scholarship and association between members and the commercial world. Male College of Commerce students are eligible for membership.

Beta Beta Beta. (Phi Chapter). Installed January 31, 1931. An international honorary biological fraternity, which emphasizes a three-fold program: Sound scholarship; dissemination of scientific knowledge; and promptness of biological research. All junior and senior students having twenty-four hours of biological credit are eligible for membership.

Phi Delta Pi. Women's National professional physical education fraternity. Xi Chapter installed November 21, 1931. Its purpose is to stimulate professional and scholastic interest in physical education.

Blue Key. The Blue Key national honorary leadership fraternity was chartered at the Brigham Young University in the spring of 1932. Its purpose is to foster Student Body projects of merit which cannot well be handled by any other organization. It is an upper-classmen organization, the membership of which is fixed at from twelve to twenty active members.

NON-STUDENT ORGANIZATIONS

B. Y. U. Women's Organization. The purpose of this organization is to foster the ideals of the institution and to help furnish recreation and social amusement for the faculty. A woman is eligible for membership in this organization and becomes a member on payment of dues provided that at the time she seeks admission she is either: (1) a present faculty member, (a faculty member is one who holds at least the rank of instructor); (2) a past faculty member; (3) a matron; (4) a board member; (5) the wife of a faculty member who has died in the service of the school; (6) the wife of a present faculty or board member.

Faculty Fine Arts Club. This club is organized to develop and maintain a closer co-operation among the members of the fine arts faculty; to increase the appreciation of each member for all arts; to keep the members aware of what is going on in the various fields of fine arts; and to encourage among the members original creation in music, literature, painting, etc.

SCHOLARSHIPS

Graduate Scholarships. A limited number of scholarships are available to graduate students who are prepared to render assistance in the various departments of the University. These scholarships are granted on the recommendation of the departments concerned with the approval of the President of the University.

Maria Y. Dougall Scholarship. A scholarship for girls, representing $30.00 awarded annually on the recommendation of Mrs. Maria Y. Dougall of Salt Lake City.

Eliza A. Wallacott Scholarship. A scholarship for girls representing $30.00 awarded annually through the recommendation of the President.

Van Wagenen Band Scholarship. For the encouragement of worthy students in the line of band music, Mr. Alma Van Wagenen of Provo has established an annual scholarship of $50.00.

Annual Commercial Contest Scholarships. Five scholarships are awarded to the winners of specified events in the Commercial contest for high school studests held at the University each year.

Alpha Kappa Psi Scholarship Award. Alpha Kappa Psi Fraternity, Beta Delta Chapter of which is established in the College of Commerce, awards annually the Alpha Kappa Psi Scholarship Medallion to the male student of the junior class in commerce who possesses the highest scholastic average for three years' work taken in this university.

The Oscar B. Young Prize. An award of $50.00 given annually by Professor Kimball Young for the best essay on some phase of **Mormon Community Life.** The adjudication is under the supervision of the department of Sociology.

Mask Club Scholarship. An award of twenty-five dollars is given annually to the junior or senior of the Speech Department attaining the highest average in scholarship and excellence in Speech Arts. This award is given upon registration the following school year. The Dean of the College of Fine Arts and members of the speech faculty make the selection.

Speech Tournament Scholarship. The University awards an annual scholarship representing one year's tuition fees to the high school senior attaining the highest degree of excellence in speech achieved in the Bringham Young University Speech Tournament. Character and scholarship record in the high school will also be considered in making the selection.

The Speech Department awards a quarter's free instruction in private speech to the student attaining highest excellence in dramatic art achieved in the Annual Speech Tournament. This private instruction may be taken from any member of the speech department staff.

AWARDS

Students eligible for these awards must be duly registered and carrying successfully at least ten hours of University work.

Provo Chamber of Commerce Medal. The Provo Chamber of Commerce presents annually a gold medal to the most efficient student in the University, based upon scholarship, social status, and public service.

The Elsie Chamberlain Carroll Medal. Mrs. Elsie Chamberlain Carroll presents annually a gold medal to the student (girl) of the University writing the best short story.

The Adams Gold Medal. Mr. and Mrs. Walter Adams present annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is a stringed instrument.

The Taylor Gold Medal. Taylor Brothers Company presents annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is the piano.

The Pardoe Gold Medal. Mr. and Mrs. T. Earl Pardoe present annually a gold medal for excellence in extemporaneous speaking.

The Kirkham Medal, a gift of Francis W. Kirkham, to those who win their state inter-collegiate debates.

The Dr. Horace G. Merrill Silver Loving Cup is awarded to the student of the University who shall attain first place in the annual Cross Country Run, held immediately preceding the Thanksgiving recess. Should a student win first place more than twice the cup becomes the property of such student.

The Woolley Gold Medal. Miss Mary Woolley presents annually a gold medal to the student giving the best rendition of a dramatic reading.

The Stein Gold Medal. Mr. J. Edwin Stein offers annually a gold medal for the most efficient athlete. Efficiency is based upon the participation in athletics, scholarship, and social activity.

The R. R. Irvine Medal is presented annually for excellence in oratory, subject to be based upon some economic problem.

The Class of 1919 Gold Medal is awarded annually for excellence in vocal art.

The Noble Medal. Mrs. Hazel Noble Boyack offers annually a gold medal to the most efficient senior student enrolled in the Home Economics department. The selection of such student will be made by the faculty of the Home Economics department.

The Provo Drama Center, Mask Award. A prize of twenty-five dollars is given each year for the best one-act play of merit, on a Western or pioneer theme.

Provo Rotary Club Gold Medal. A gold medal awarded to the winner of an oratorical contest on some subject of international good will.

The E. H. Eastmond Gold Medal is awarded annually for the best painting or drawing of Mt. Timpanogos in any medium.

Studio Guild Medal. A gold medal is awarded annually by the Studio Guild for the best landscape painting done during the school year in any medium. Members of the Art department faculty and the officers of the Studio Guild make the selection.

Dramatic Service Awards. The Dramatic Art department awards annually a dramatic honor pin to each of three students who have given the most helpful service to the University and to the community during the year.

Egbert Gold Medal. Miss Anna Egbert gives a gold medal for the most efficient debater each year. The award is made in honor of her father, Robert N. Egbert.

The Evans Competitive Acting Award. Mr. Edmund Evans offers annually a watch for the student, who, in the estimation of a group of judges plays the best sustained role in the annual competitive play.

The Evans Gold Medal. Mr. Edmund Evans offers annually a gold medal to the most efficient graduate in the Speech department. Efficiency is based upon participation in speech activities, social activity, and scholarship.

Sigma Xi Award. The Society of Sigma Xi of the University awards annually a gold medal for the best piece of research done during the year by any student of the University.

I. E. Brockbank Award. Mr. Isaac E. Brockbank of Provo awards annually a cash prize of twenty-five dollars for the best production in art in any medium.

The Delta Phi Fraternity presents annually a gold medal for excellence in extemporaneous speaking.

Tau Kappa Alpha Fraternity presents two gold medals to the winners of the inter-class debate league.

DISCIPLINE

The maintenance of standards of honor, Christian integrity, and Latter-day Saint ideals is required. Within these limits the students are given the fullest freedom. Those who fail to conform to these standards either in personal habits or associations are subject to discipline.

The use of tobacco will not be permitted, and having improper associates or visiting places of questionable repute will not be tolerated.

All social functions given by any organization of the school are under the direction of the standing committee on socials. Any disciplinary announcement made by the executive of the institution becomes a part of these regulations. Violations of regulations makes the offender liable to suspension or expulsion.

Regular attendance is required at all recitations, laboratory and field work. The committee on attendance and scholarship has general supervision of the disciplinary work of the institution. Regular students who are not satisfactorily carrying at least ten hours work will not be allowed to remain in the institution.

FUNCTION OF THE MEDICAL DIRECTOR

The principal function of the medical director is to conduct the physical examinations of the students and to look after the general health conditions of the school. In addition all students have the privilege of free consultation with him at his university office during schedule office hours, or by appointment. He will gladly respond to all calls to investigate the presence of contagious diseases, but he cannot assume the responsibility of furnishing free treatment for such cases, as is done in schools where the students pay a medical or hospital fee. However, if those students who are unable to pay for necessary service are reported, efforts will be made to see that they are taken care of. No charge will be made for first aid service to persons injured in athletic contests or other forms of school activities, except for material used.

DEAN OF WOMEN

The Dean of Women is charged with the general oversight of all women students, and is always ready to aid and advise them in matters pertaining to their university life. She will not only attend to the special needs of young women during school hours, but will use every precaution to see that they are properly cared for at their boarding places. All women students are required to leave a directory card with the Dean of Women when they register.

LIBRARY

The University Library contains more than 93,000 volumes and 50,000 pamphlets and bulletins. These publications cover all phases of human interest and offer opportunity to make intensive studies in almost any field of the sciences or arts. The library has for years been a Government Depository to receive all Government documents. These documents are all well classified and indexed. Besides the Government Documents the Library has nearly a complete set of all agricultural experiment station literature from every state in the Union. It regularly receives important state documents on education, history, politics and various other topics as they are issued by the different states, and is on the publication exchange lists of many of the colleges and universities of the United States and elsewhere. The Carnegie Institute of Washington, the Carnegie Peace Foundation, the Rockefeller Foundation, the General Education Board, the American Council on Education, the Milbank Memorial Fund, the Bell Telephone Laboratories and several of the large business organizations all supply technical and informative literature. The Library subscribes for such technical journals and magazines as are essential to a thorough college education, and it maintains its own book bindery.

Each year the Library strengthens itself along specialized lines through contributions of books to its special collections, of which the following are now being rapidly augmented:

B. Y. U. Women (Memorial) Collection—General
Brimhall Collection—Theology
Bennion Collection—Biography
C. H. Carroll—Medicine
Egbert Collection—Music
Heber J. Grant—General
Henning Collection—Archaeology
Hinckley Collection—Geology
Ivins Collection—The American Indian
Jordan Club Collection—Biology
Lund Collection—Music
McKay Collection—Education
Mask Club Collection—Dramatics
Nelke Collection—General Literature
Reynolds Collection—Literature
Smith (F. W.) Collection—Chemistry
Sorosis Club Collection (Memorial)—General
Spilsbury Collection—Home Economics
Whitaker Collection—Foreign Languages
Whitecotton Collection—
Widtsoe Collection—Agriculture

The Library is open each school day during the regular school year from 8 A. M., until 10 P. M.; on Saturday from 10 A. M., until 4 P. M.; and during the Summer Session from 7:30 A. M., until 9 P. M.

SPECIAL SCIENTIFIC AND ART COLLECTIONS

The Zoological and Entomological Collections of the University consist of a large series of identified invertebrate and vertebrate species of Utah and contiguous states.

The Entomological Collection consists of over 50,000 specimens; the Tom Spalding Collection of Utah lepidoptera, the Chester Van Buren Collection of South American Butterflies, some Weevils from the Blatchley Collection form important portions of this collection.

A complete series of the fish, amphibians, reptiles, birds and mammals of this region are to be found in the collection. The fish collection is especially rich in species and specimens from the intermountain region. There is also a collection of Hawaiian fish made by Dr. David Starr Jordan. Specimens of practically all the species of amphibians and reptiles of Utah and many species from various portions of the United States are in the collection. The bird collection consists of about 1,700 skins, 1,000 of which were collected in the Magdalena River Valley of South America by Chester Van Buren in 1901-03. This collection is being added to annually by means of collecting expeditions that are sent out to various parts of the Western United States.

The Botanical Collection includes a herbarium of liverworts, mosses and vascular plants; and also an extensive series of preserved algae, fungi, liverworts, mosses, ferns, and seed plants. There is also included a number of medical plants and a series of plant diseases.

The herbarium is made up principally of plants collected throughout the Western States, but many species from other regions are included. The collection of North American plants includes 125 families, 740 genera, and 2,410 species, represented by over 6,750 herbarium sheets. There is also a collection of plants from Siberia, obtained by President F. S. Harris in 1929, as well as a small group of plants from Europe and from South America.

The **Geological Collections** of the University consist of an unusually complete series of minerals and an interesting variety of fossils.

The minerals number many thousands and are representative of the great western mining districts together with hundreds of world localities of note. Part of this collection once represented the nucleus of the famous Deseret Museum collection of Salt Lake City.

The fossil series are representative of many western and typical world localities. Much of this material was also formerly a part of the Deseret Museum collection. The vertebrate collection is especially rich in original fossils and casts of the characteristic mammalian fauna that lived in the Western states during the immediate geologic past.

The **Archaeological** collections include a number of well prepared case exhibits of Utah Indian materials, including pottery, basketry, stone implements, wearing apparel and picture writings. It also includes a number of South Pacific Islands collections together with what is thought to be the finest South American collection of Indian pottery in the West.

The **Fine Arts** collection consists of paintings, sculpture and art prints. Early pioneer artists are represented as well as more recent and modern painters and sculptors. The collection comprises also noteworthy pieces done by such foreign artists as George H. Taggart and Louis Potter of Chicago, Lee F. Randolph of San Francisco, Pedro J. Lemos, Palo Alto, Calif., and the late Wm. Morris, London, England. The halls throughout the institution are graced by the collection instead of its being assembled in an art gallery.

GENERAL REQUIREMENTS FOR UNDERGRADUATE WORK

ADMISSION

A student seeking admission to any of the colleges of the University must be a graduate of an accredited high school, or he must present sixteen units of approved high school work which must be acquired during four school years, or he must pass an examination in a sufficient number of subjects to make sixteen units. In no case shall fewer than twelve of the sixteen units be acquired during the last three years of high school. He must offer among his credits the following:

English	3 units
A principal group	3 or more units
A secondary group	2 or more units

The principal and secondary groups must be selected from either Mathematics and Science or from History and Social Science. At least one unit in Mathematics, either Algebra or Geometry, must be included in either the principal or the secondary group. If the principal group is from Mathematics and Science, the secondary group must be from History and Social Science, or vice versa.

To facilitate registration, a student seeking admission is requested to forward an official copy of his credits to the Registrar not later than September 1. If blanks for this purpose are not to be had at the local school, they may be obtained from the Registrar of the University.

In case a student is unable to furnish an official transcript of credits on or before the day of registration, he may be admitted tentatively, provided the committee on admission and credits is convinced he can furnish such transcript and otherwise meet the entrance requirements within thirty days. During this tentative period he will be rated as unclassified.

A student of twenty-one years of age or over, who has not completed sixteen units of high school work, but shows ability to do special work, may be admitted to any of the colleges of the University. Ability to do special work must be certified to by the heads of the departments concerned. He may pursue any course for which he has sufficient foundation, and will be rated as an unmatriculated student. To become a candidate for a degree such student must meet the entrance requirements.

A student who has met the entrance requirements but who is carrying fewer than eight hours of work will be designated as a special student.

COURSE DIVISIONS

Undergraduate courses of study are divided into:
(a) Lower Division.
(b) Upper Division.

Lower Division courses are numbered in the catalogue from "1" to "49," Upper Division courses from "50" to "99." Graduate courses are given numbers above "100."

ELECTION OF STUDIES

The student, in electing his studies, should, with the advice and approval of the dean of the college in which he registers, elect such studies as are desirable. The major and minor, as well as the general, requirement for graduation should be kept in mind in electing studies. Three hours credit in Physical Education are required of all Freshmen. Should a resident student desire to take courses by correspondence or in extension classes, the approval of the student's dean must be secured, and the correspondence or extension work entered upon the regular registration card. Excess work taken by correspondence or extension classes not approved in this manner, will not be recorded for credit. Resident students of other institutions who apply for correspondence or extension class work, at this University, must have their proposed registration approved by the president of the institution in which they are registered. Students wishing to transfer correspondence credits from other institutions are subject to examination by the University department concerned.

At least five quarters of lower division work should be completed before the student registers for upper division work, unless in certain sequences the dean with the consent of the instructor advises otherwise. Included in the lower division work must be English 1, 2, 3; and for the A. B. degree twelve hours in foreign language work. It is recommended that as far as possible group requirements be completed by the close of the sophomore year.

CLASSIFICATION OF STUDENTS

A regular student with fewer than forty-five hours credit at the beginning of the school year will be classed that year as a Freshman.

A regular student with more than forty-five hours credit and fewer than ninety at the beginning of the school year will be classed during that year as a Sophomore.

A regular student with more than eighty-nine hours credit and fewer than one hundred thirty-five at the beginning of the school year will be classed during that year as a Junior.

A regular student with more than one hundred thirty-four hours credit at the beginning of the school year will be classed during that year as a Senior.

CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the regular courses offered by the institution. 2. For work done in an accredited college when such credit is to be used for graduation from the University, the amount to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. Credits from other schools should be filed with the Registrar upon entrance.

Special examination for advance credit will be given only with the consent of the head of the department concerned, the dean of the college in which the student is registered, and the committee on credit.

An incomplete course of study must be completed during the next quarter of residence, provided the next quarter of residence is within one year; otherwise the course must be retaken in a class or a special examination taken to obtain credit.

A fee of $2.50 per credit hour is charged for special examinations, provided the total fee for any one subject does not exceed $20.00.

GRADUATION

GENERAL REQUIREMENTS

For a student to be admitted to candidacy for a diploma or a degree, his scholastic record must show that he has satisfied the entrance requirements, and that he can fulfill all the requirements for graduation on the completion of the courses for which he is registered. At the time of graduation each candidate must be properly registered in the University, and must have completed at least forty-five hours of work in residence.

The following graduation requirements apply to all candidates for a bachelor's degree from any of the colleges of the University:

Total amount of credit	186 hours
Requirement for a major	30 hours
Requirement for a minor	20 hours

Group Requirements:

Mathematics and Physical Science	12 hours
Biology and Psychology	12 hours
Social Science	12 hours
English and Foreign Languages	18 hours

Lower Division courses required:
English 1, 2, and 3.
Physical Education, four hours.

A candidate for a Bachelor of Arts degree is required to furnish 24 hours credit in a foreign language. Shopwork, shorthand and typing will not be credited towards the A. B. degree.

Not more than 28 hours of "D" grade credit will be applied towards graduation.

Students who expect to be graduated at the end of the spring quarter should file application with their dean not later than the beginning of the winter quarter. All conditions must be removed not later than ten days before graduation.

Students who fulfill all requirements for graduation at the close of the Summer Session and who have filed application for graduation not later than thirty days preceding the close of the spring quarter may have their graduation certified to by the proper authorities of the University, but they shall not be publicly graduated until the annual commencement of the following year.

The University reserves the right to change the requirements for graduation and a candidate for graduation will be asked to comply with all changes which pertain to the uncompleted portion of his course. The University Council is the body authorized to prescribe requirements of graduation and to pass on candidates.

GROUP REQUIREMENTS

Ordinarily the object of the first two years of the University curriculum is to introduce the student to fundamental fields of human interest and to provide a broad basis for later specialization. In order that these purposes may be achieved, certain studies should be completed under the direction of the respective deans. Before a regular student will be permitted to register for more than five quarter hours of upper division work during any one quarter, he must choose or be tentatively assigned to a major professor and have completed the number of hours prescribed in each of the following groups:

1. **Mathematics and Physical Science.** 12 hours. (Mathematics, Chemistry, Physics, Geology, and Geography.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

2. **Biology and Psychology.** 12 hours. (Bacteriology, Zoology and Entomology, Psychology.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

3. **Social Science.** 12 hours. (Economics, History, Political Science, Sociology.) Not more than six quarter hours in one department may be counted in fulfilling this requirement.

4. **English and Foreign Languages.** 18 hours, at least 12 hours of which must be in English. This group must include English 1, 2, and 3. In case a student has credit for at least two units of foreign language taken in high school, this group may be reduced to 14 hours.

MAJOR AND MINOR REQUIREMENTS

At least sixty hours of upper division work must be furnished by students applying for graduation.

At the beginning of his college course, and in no case later than his Junior year each student should select his major professor who, in connection with his dean, will serve as his special faculty advisor. At the time of his graduation he must have completed no fewer than thirty quarter hours in the department in which he is majoring, and no fewer than twenty hours in a collateral or minor subject which meets the approval of his dean and his major professor. He must also satisfy any special departmental requirements announced in the catalogue.

In cases where the prospective graduate's high school and college work shows marked evidence of deficiencies in grade of scholarship, in breadth of training, or a preparation for probable future activity, the dean may use his discretion in prescribing certain specified courses to the extent of fifteen quarter hours according to the needs of the particular student.

THE GRADUATE SCHOOL

All graduate work leading to higher degrees is now administered under the direction of the Graduate School.

Character of Graduate Work. The essential aim of graduate study is to develop the power to do independent work and to encourage the spirit of research. Each candidate for a higher degree is expected to possess a broad, general knowledge of his major and a fair degree of information in his minor subject.

Registration. All students pursuing graduate work are to be registered by the Dean of the Graduate School.

Students holding a Bachelor's degree equivalent to that conferred by the Brigham Young University will be admitted to graduate work without examination.

If during any quarter of the senior year a candidate for a baccalaureate degree finds it possible to complete all requirements for such degree with a registration of fewer than sixteen hours of undergraduate credit he may register with the Dean of the Graduate School for enough graduate credit so that the total registration shall not exceed sixteen quarter hours during such quarter.

Admission to graduate courses is granted only to those who have the requisite undergraduate work in those courses or departments. In order adequately to determine this fact the student should file with the Dean of the Graduate School an official transcript of his undergraduate courses at the time that he registers for graduate study.

Each graduate student must submit his course of study and the title of his thesis to his major professor and the Dean of the Graduate School for approval. Changes in registration may be made only with their consent.

Graduate credit is given under the following conditions: (1) The courses for which graduate credit is given must be definitely catalogued as courses carrying graduate credit. (2) Only those students who are eligible to receive graduate credit at the time a course is taken will receive graduate credit for such a course.

Admission to Candidacy. Registration for graduate study does not admit a student to candidacy for a higher degree. A graduate student who has been in residence one quarter or more whose thesis subject has been approved, and who has given evidence of ability to do work of a graduate character may be admitted to candidacy for a higher degree by vote of the University Council. The mere accumulation of credits does not necessarily indicate ability to do graduate work. All applications for admission to candidacy for a higher degree should be made to the Dean of the Graduate School.

Requirements for the Master's Degree. Two higher degrees are offered: Master of Arts (M. A.), provided the candidate meets the foreign language requirement for the A. B. degree; and Master of Science (M. S.) if the candidate does not meet the foreign language requirement for the A. B. degree. A student may be admitted to candidacy upon the completion of the following requirements: (a) The candidate must, after securing a Bachelor's degree, furnish 48 hours of graduate credit, approved by the Dean of the Graduate School and major professor, in addition to 186 hours of college credit, and 16 units of high school credit. Beginning with the school year 1935-36 the candidate will also be required to be in residence three quarters. (b) A thesis must be submitted based on work done in some field of investigation within the major department, and which must show evidence of independent research. The final acceptance of the thesis shall be under the supervision of a committee to be known as the Thesis Committee. This Committee shall consist of the major professor and two other persons to be selected by him. The thesis must be completed at least ten days before the final examination. (c) At least fifteen days before graduation, the candidate must pass an oral examination to be given by a committee to be known as the Examining Committee. This Committee shall consist of five members including the Dean of the Graduate School, the major professor, and three other members to be selected by them.

The candidate shall furnish complete copies of his thesis to his major professor and to the Dean of the Graduate School at least five days before the date of the final examination. (d) A bound typewritten or printed copy of the thesis must be furnished the University library. Before the degree is granted the candidate must file with the Dean of the Graduate School a statement from the Librarian acknowledging the receipt of this copy. (e) A candidate for a Master's degree must secure a grade of "B" or above in three-fourths of his graduate work. No grade below "C" will count toward a Master's degree. (f) An applicant for this degree must furnish at least one-half of his graduate credit in his major subject. The rest of the credit for this degree must be offered in work closely related to the major subject.

SCHOLARSHIP HONORS

In recognition of meritorious work, scholarship honors are granted to members of degree graduating classes in accordance with the following:

First. There shall be two degrees of honor: **Graduation with Honor, and Graduation with High Honor.**

Second. The awards shall be made on the basis of excellence shown in the upper division or graduate work done in the Brigham Young University.

Third. To receive the award of Graduation with Honor a student shall have a record of not fewer than thirty hours of upper division work showing "A" grade and not fewer than fifty hours of such work showing "A" and "B" grades.

Fourth. To receive the award of Graduation with High Honor a student shall have a record of not fewer than forty hours of upper division work showing "A" grade, and not fewer than fifty-five hours of such work showing "A" and "B" grades.

Fifth. The number of graduates receiving honors shall not be greater in any year than one-fifth of the numbers of students graduating. In the event that more than one-fifth of the graduates shall meet the honor requirements set forth above, the students to receive honors shall be chosen as follows: The number of hours of "A" grade of each subject shall be multiplied by "1½," and the number of hours of "B" grade by "1." The one-fifth of the graduates receiving by this process the highest product totals shall receive honors.

Sixth. It shall be the duty of the Committee on Graduation to make selection of candidates in accordance with these provisions.

Seventh. The announcement of honor awards is to be made at the annual commencement exercises.

Term Honors. The University will post and publish at the close of each quarter of the regular school year the names of the one graduate student, the five senior college students (juniors and seniors), and the five junior college students (freshmen and sophomores) who have received the highest grades in classwork during the quarter.

Class grades are to be used exclusively in determining honors, except in case of a tie, when the general school activity of the student shall be considered. The basis of the computation shall be credit hours times grade; and an "A" shall count one and one-half times a "B."

Colleges

COLLEGE OF APPLIED SCIENCE

The aim of the College of Applied Science is to provide instruction in the scientific principles and technical operations pertaining to the farm, the home, the shop, and the professions, trades, and industries related to the same. Students may specialize in any one of the many fields of applied science and prepare for capable leadership and efficient service in their chosen lines.

Majors may be selected from the following departments in the College of Applied Science: Agronomy, Animal Husbandry, Horticulture, Home Economics, Mechanic Arts.

The work offered will be of standard collegiate grade and upon completion of the required amount of study in fundamental subjects, specialized courses, and related work a student may be granted the degree of Bachelor of Science or Bachelor of Arts.

COLLEGE OF ARTS AND SCIENCES

The primary purpose of the College of Arts and Sciences is to meet the needs of students who desire a broad and liberal education that will enable them to find and take their places in the complex civilization of today. Abundant opportunity is provided for those who have ambition for specialized study in engineering, medicine, law; or who desire to train for religious, political or social leadership. Preparation for original investigation in the fields of this college is emphasized. Students who wish to build a foundation for advanced degrees will find this college rich in opportunity.

In order that the beginning student may receive adequate guidance in the selection of a course of study, this college has been divided, for purposes of freshmen and sophomore registration only, into the following divisions. Detailed suggestive courses may be obtained from the Dean on application.

Biological Science Division. For students with special interest in bacteriology, botany, psychology, and zoology.

Physical Science Division. For students with special interest in chemistry, geology, geography, mathematics and physics.

Social Science Division. For students with special interest in history, political science, sociology and economics.

Language Division. For students with special interest in English, French, German and Spanish.

General Course Division. For students who have as yet no special interest, but who need orientation.

This college also offers pre-engineering, pre-medical, and pre-legal courses as follows:

PRE-ENGINEERING COURSE

Freshman Year: English 1, 2, 3; Chemistry 4, 5, 6; Mathematics 11, 12, 49. The rest of time from the following: Drawing 4, 5, 6; Physical Education 1, 4, 5, 6, or electives.

Sophomore Year: Mathematics 50, 51, 52; Physics 41, 42, 43; Surveying, and the rest of the time from the following: Drawing, Economics, and electives.

PRE-MEDICAL COURSE

The following courses are required in a Pre-medical course: Chemistry 4, 5, 6, 71, 72; Physics 41, 42, 43; English 1, 2, 3; German 1, 2, 3, 55, 56, 57; Zoology 11, 18, 55, 56, 71, 72; Botany 21; Psychology 11; Sociology 1, 2, 3. Electives should be chosen from courses which satisfy group requirements.

PRE-LEGAL COURSE

Lower division students who contemplate the study of law should register for Political Science 1, 10, 11;

Economics 1, 2, 14; English 1, 2, 3; and Physical Education 1, 4, 5, 6. They are also advised to register for work in American and English history, and in Sociology. Electives should be chosen from courses which satisfy group requirements.

At least by the beginning of the junior year students should select their major department, and seek the aid of the major professor as well as the Dean in matters of registration. Students may select their majors from any of the following departments in the College of Arts and Sciences: Botany, Chemistry, English, Geology and Geography, History, Mathematics, Modern and Classical Languages, Physics, Political Science, Psychology, Sociology, and Zoology and Entomology. The degrees, Bachelor of Arts and Bachelor of Science, are given to graduates of this College.

COLLEGE OF COMMERCE

The purpose of the College of Commerce is to provide training for leadership in finance and industry. Courses are so arranged that students will be given the training that will best fit them for analyzing business conditions, for efficiency in office administration, and for the demands of the industrial and financial world. The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments: Finance and Banking, Accounting and Business Administration, Agricultural Economics, Economics, Marketing, and Political Science.

COLLEGE OF EDUCATION

The College of Education is one of the professional schools of the University. Its principal function is the training of teachers, principals, supervisors, and superintendents. This college aims to meet the requirements of the Utah State Board of Education for the various grades of elementary and high school certification and for certificates and diplomas in administration and supervision.

The College of Education is made up of two constituent divisions, namely: The department of academic instruction, and the training schools.

The following departments are at present organized: Elementary Education, Philosophy of Education, Psychology, Educational Administration, Secondary Education, Religious Education, Physical Education.

In addition to the foregoing departments for majors and minors in the College of Education, students of this college may major in any department of the University, which department requirements they fulfill, provided they take at least thirty hours in professional educational subjects.

Students who intend to qualify for teaching should declare their intentions of doing so at the beginning of their junior year, if they intend to teach in the high schools, or at the beginning of their freshman year if they intend to teach in the elementary schools. Those who are preparing for high school teaching should also choose not later than the beginning of their junior year, a teaching major and a teaching minor in some of the departments of the University.

Training Schools—Two training schools are established: first, an elementary training school organized for practice teaching for those preparing for kindergarten and elementary school work; second, a secondary training school which offers training in the six years of high school and gives ample opportunity for practice teaching to advanced students.

The degrees of Bachelor of Arts and Bachelor of Science are given to graduates of this College.

Students who are planning to become teachers in the elementary schools will be required to take a three-year course leading to the normal diploma which is granted to students registered in the College of Education who complete three years of college work. One hundred thirty-five hours are required for the Normal

Diploma. The prescribed work for this diploma is as follows:

Elementary Education 3, 4, 51, 54, 55, 56, 57, 61, or 63; Art 41, 42; Music 41; Psychology 51; Zoology 58; English 1, 2, 3; Library 11; Speech 1 or 11; Physical Education 1, 21, 22. Of the ten hours required in the Social Science group Sociology 1 or Education 1 is prescribed. In the Biological Science group, Botany 21, and in the Physical Science group, Geography 52 are prescribed. The other electives should be chosen with the advice of the head of the department of Elementary Education.

Only students of Junior standing will be permitted to take elementary training.

Those who complete the University's requirement for a elementary teaching will receive, upon application, a diploma. These requirements include the minimum requirements prescribed by the state and, at the same time anticipate the requirement for a degree in Elementary Education which may be secured upon completion of one more year of carefully selected work.

The diploma is an endorsement of the students' fitness to teach in the elementary schools and will enable the student to secure a first class elementary school certificate from the Utah State Board of Educaion. The minimum state board requirements for this certificate are as follows:

"After January 1, 1936, beginning elementary school teachers will be required to hold the elementary certificate based on at least 3 years (135 hours) of approved normal school or college work. In the 135 hours there shall be included: 10 hours in English, at least 6 of which shall be in English composition; 4 hours in language and literature for children; 6 hours in physical and health education; 3 hours in art; 3 hours in music; 27 hours in education to include 10 hours in training and at least 3 hours in each of the following subjects: Educational Psychology; Elementary School Curriculum; Principles of Education.

There will also be included in the 135 hours, 10 hours in each of the following groups: Social Science; Biological Science; Physical Science."

The Utah State Board of Education prescribes the following minimum requirements for a General High School Teaching Certificate:

"An applicant for the general high school teaching certificate must show:

(1). That he has completed a standard college course of four years, or its equivalent.

(2). That he has a teaching major of at least thirty hours in one subject which is taught in Utah high schools, at least 15 hours of which must be in upper division work, and one teaching minor of eighteen hours in a subject which is taught in Utah high schools.

(3). That he has at least 13 hours of work in the following subjects allied to education: 3 hours in health education, 10 hours in ethics and sociology, or 5 hours in one of these subjects and 5 hours in political science or economics.

(4). That he has at least 27 hours in education, including at least 8 hours in secondary training, 3 hours in science or principles of education, 3 hours in the organization and administration of secondary education, 3 hours in educational psychology, 3 hours in guidance and personnel.

The additional credit in education may be selected from the following subjects: Advanced Educational Psychology; Social Psychology; Social Education; Statistical Methods; Educational Tests and Measurements; Special Methods; History of Education; Philosophy of Education."

COLLEGE OF FINE ARTS

The policy of the University has always provided for a liberal patronage of the fine arts. A constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them into this field resulted in the organization of the College of Fine Arts.

With an exceptionally well prepared faculty, who have received the benefits of extended study and travel in recognized art centers, and adequate physical equipment in each department, this college is able to do work of high scholastic standing.

Any course offered in this college, leading to a degree, is the cultural equivalent to other college courses differing from them mainly in respect to the emphasis placed upon the study of fine arts.

At present the following departments are fully organized: Art, Speech, and Vocal and Instrumental Music. Majors may be selected from the work offered by these departments. Graduates of this college may receive the degree of Bachelor of Arts or Bachelor of Science.

SUMMER SESSION

It is the policy of the Brigham Young University to make the summer session one of the regular quarters of the school year. A large corps of teachers, supplemented by well known educators from other institutions, offers a wide range of subjects from each of the departments of the school.

The summer session is divided into two terms so that students may be in attendance only part of the summer, if they desire, without hindrance to the completion of their courses. The first term is held on the Provo Campus, the second on the Alpine Campus to the east of Mount Timpanogos. This latter campus is located about fourteen miles from Provo at an elevation of nearly 7000 feet. Splendid roads lead to it, making it easily accessible to anyone wishing to drive there.

Although a wide range of subject matter is taught on this campus it affords exceptionally fine conditions for the study of art and the natural sciences.

The summer session offers the opportunity to persons who are employed during the usual nine months of schooling to pursue graduate work, and to regular students the opportunity to complete requirements for graduation in a shorter time than four years.

LYCEUM COURSE

For many years the University has brought to its students distinguished men and women in lectures, in dramatic art, and in music.

During the past year the following appeared on the course:

Fritz Kreisler	Violinist
Charles Wakefield Cadman	Composer and Pianist
Laurence Dennis	Author and Lecturer
Lorado Taft	Sculptor
William A. Wirt	Lecturer and Educator
Arthur Kallet	Engineer and Lecturer
Norman Thomas	Social and Political Leader
Lewis Browne	Author and Lecturer
Charles K. Edmunds	President Pomona College
Ludwig Lewisohn	Novelist (2 lectures)
Frederic Dixon	Pianist
Ethan Colton	Author and Lecturer
George Garner	Tenor
Virginia Le Rae	Coloratura Soprano
Jan Cherniavsky	Pianist (2 recitals)

Courses of Instruction

AGRONOMY

Professors Martin, Nelson, Stewart, Morris; Associate Professor Sudweeks; Assistant Professor Shaw.

Students interested in the range management phase of forestry are advised to take the following courses:

Agronomy 21-22-23-41-52-57-70-91-94-123-170. Botany 54-55-56-57-58-59-103-159. Animal Husbandry 4-5. Landscape Architecture 8-9.

Lower Division Courses

21. General Crops. Autumn. M. W. F., 10:30. (Lab. T. Th. 2:30-4:30) Five hours credit. Shaw.

This course will deal with the fundamental principles underlying the production of crops. Selection, grading, judging and methods of protection will be studied.

22. Cereal Crops. Winter. T. Th., 10:30. Two hours credit. Shaw.

Emphasis will be placed upon a review of the results obtained at the various experiment stations throughout the world relative to the production of cereal crops.

23. Range Management. Spring. T. Th., 10:30. Lab. 2:30-4:30. Three hours credit. Shaw.

Range forage plants and their growth requirement, range improvement, and method of handling livestock.

41. Soils. Autumn. M. W. F., 9:30. Lab. Mon. 2:30-4:30. Three or four hours credit. Martin.

A review of the entire field of soil study. The physical, chemical and microbiological phase of soil study receives attention.

Upper Division Courses

52. **Soil Fertility.** Winter. M. W. F., 8:30. Laboratory period, M., 2:30-4:30 (prerequisite for laboratory: Chemistry 10.) Three or four hours credit. Martin.

This course deals especially with availability of soil nutrients, alkali soils, soil organisms, farm manures, green manures and crop rotation.

57. **Soil Geology.** Spring T. Th., 8:30. Three hours credit. Martin. (See Geology 57.) Laboratory M. 2:30-4:30.

Prerequisite: Geology 1, Agronomy 41, Physics 21 and General Chemistry. A review of the geological forces responsible for the formation of soils, a study of the influence that climate has had on the various soil horizons, also a study of land evaluation and classification.

59. **Plant Breeding.** Winter. M. W. F., 1:30. Three hours credit. Morris. (See Horticulture 59.)

60. **Farm Management.** Autumn. M. W. F., 9:30. Three hours credit. Shaw.

This course takes up the general consideration of farm management; types of farming, farm layout, farm capital, equipment, labor, tenancy, etc.

61. **Economics of Farm Organization.** Winter. M. W. F., 9:30. Three hours credit. Shaw.

The application of economics and business principles to the organization and management of a farm; the farmer as a business proprietor, his selection and combination of factors of production and farm enterprises.

62. **Farm Accounting.** Spring. T. Th., 9:30. Two hours credit. Shaw.

The keeping, use, and interpretation of farm accounts and records.

63. Teaching of Agriculture. Autumn. Three hours credit. Sudweeks. (See Secondary Education 63.)

70. Range and Forest Soils. One to four hours credit. Stewart and Martin.

Nature and quality of soils as they occur on ranges and forests of the intermountain region. Advanced students admitted by application for thesis problem in field during spring, summer or autumn.

73. Range Management. Time and credit to be arranged. Stewart and Shaw.

91. Western Land Problems. Spring. M. W. F. Three hours credit. Nelson. (See Economics 91.)

92. Soil Microbiology. Autumn. M. W. F., 8:30. Three hours credit. Martin.

Prerequisites: Botany 21, and Agronomy 41, 52. A lecture course designed to acquaint the student with bacteria in relation to soil fertility.

93. Soil Microbiology. Autumn. W. F., 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany course 92. It will consist of a study of methods used in bacteriological investigation. Prerequisites: Botany 21, 22, and Chemistry 6.

94. History of Agriculture. Spring. M. W. F., 9:30. Three hours credit. Nelson. (See Economics 93.)

96. Seminar. One hour credit. Winter or Spring. Martin, Nelson, and Shaw.

Current agronomic literature, agricultural problems. Assigned topics will be considered in the form of a round table discussion. Required of all seniors and graduate students majoring in agronomy.

97. Research. Seniors specializing in agronomy may elect research work from three to six hours. Time and credit to be arranged. Martin.

98. **Special Problems in Soils.** Winter or Spring. Credit and subject matter to be arranged. Martin.

99. **Agricultural Literature.** A study of agronomic literature. Special problems and written reports. Time and credit to be arranged. Martin.

Graduate Courses

120. **Agronomy.** Research in Biological Methods. (See Horticulture 120.)
123. **Advanced Range Management.** Time and credit to be arranged. Stewart.
157. **Soil Geology.** **Spring.** T. Th., 8:30. Three hours credit. Martin.

170. **Range and Forest Soils.** Four or five hours credit. Stewart.
191. **Western Land Problems.** Spring. Three hours credit. Nelson. (Not given this year.)
192. **Soil Microbiology.** Autumn. M. W. F., 8:30. Three hours credit. Martin.
193. **Soil Microbiology Laboratory.** Autumn. W. F., 2:30-5:30. Two hours credit. Martin.
196. **Seminar.** Credit to be arranged.
197. **Research.** Time and credit to be arranged.
198. **Special Problems in Soils.** Time and credit to be arranged.
199. **Agricultural Literature.** Time and credit to be arranged.
200. **Thesis.** Credit to be arranged.

ANIMAL HUSBANDRY

Assistant Professor Ivins; Professor Martin; Dr. Cullimore

Lower Division Courses

1. **Elementary Stock Judging.** Autumn. M. W. F., 1:30-4:30. Three periods of three hours a week. Three hours credit. Ivins. (Not given this year.)

This course consists of a study of the market types and classes of live stock. Field trips will be made to farms of the county where practice in scoring and judging of animals will be done.

2. **History of Breeds.** Spring. Daily, 9:30. Five hours credit. Ivins.

All breeds of live stock will be studied. Emphasis will be directed to the condition under which the breeds were formed, the men who did the work, and the adaptability of the breed to western conditions.

4. **Beef Cattle Husbandry.** Winter. T. Th., 9:30. Two hours credit. Ivins.

This course is a consideration of the types and breeds, feeds, care and management of beef cattle for western conditions. The student will be made familiar with beef animals by frequent field trips.

5. **Sheep Husbandry.** Spring. T. Th., 10:30. Two hours credit. Ivins.

Types and breeds of sheep will be reviewed followed by study of the management, care and feeding of sheep, both on the range and on the farm.

6. **Swine Husbandry.** Winter. T. Th., 10:30. Two hours credit. Ivins.

Types, breeds and management of swine and their place on western farms. Emphasis will be put on their relation to dairy farming.

7. **Feeding of Farm Animals.** Spring. M. W. F., 10:30. Three hours credit. Ivins.

A study of the chemical composition of feeds, the needs of the animal body, the compounding of rations and methods of practice in feeding.

8. **General Poultry.** Winter. M. W. F., 9:30. Three hours credit. Ivins.

A study of breeds, judging, breeding, incubating, brooding, housing, feeding and marketing.

9. **Diseases of Farm Animals.** Autumn. M. W. F., 1:30. Three hours credit. Ivins.

A study of the anatomy of farm animals, of the common diseases of horses, cattle, sheep, hogs, and poultry; their causes, prevention, and treatment.

21. **Elements of Dairying.** Autumn. M. W. F., 8:30. Three hours credit. Ivins.

A general survey of dairying and its relation to Utah agriculture; the secretion, composition and properties of milk; the conditions that affect quantity and quality of milk; use of milk as human food.

Upper Division Courses

51. **Animal Breeding.** Autumn. M. W. F., 9:30. Three hours credit. Ivins.

Principles, practices, and methods involved in the breeding and development of domesticated animals. Mendelism in animals, transmission, heredity, value of pedigree, systems of breeding, etc. Prerequisite: Zoology 78, or Botany 80.

59. **Types and Breeds of Poultry.** Spring. T. Th., 9:30. Two hours credit. Ivins.

A study of the popular breeds of domestic fowls, their origin, classification, methods of mating and breeding. Designed especially for students planning to engage in Smith-Hughes and club work.

61. **Special Poultry Problems.** Autumn. T. Th., 10:30. Two hours credit. Prerequisite: Animal Husbandry 8.

Detailed study of problems of housing, brooding, feeding and culling. Study of latest developments in these fields, using current literature as basis of work.

65. **Animal Physiology.** Spring. M. W. F. Laboratory, T., 1:30-4:30. Five hours credit. Cullimore. (See Zoology 65.)

81. **Milk and Milk Products.** Winter. M. W. F., 10:30. Three hours credit. Ivins.

A course dealing with the properties, composition, and constituents of milk, the manufacture and marketing of milk products. Prerequisites: Animal Husbandry 21 and one year of bacteriology.

91. **Dairy Survey.** Winter. Time to be arranged. One hour a week. One hour credit. Ivins.

A study of current literature and experiments in dairy work. Each student will be expected to make reports on various subjects in this field which will be discussed by the class.

92. **Seminar.** Spring. Time to be arranged. One period a week. Ivins.

Current literature and problems in the field of Animal Husbandry will be studied and discussed. Required of all seniors who major in Animal Husbandry.

98. **Experimental Animal Nutrition.** Open to seniors and graduates only. Prerequisites: 5 hours in organic or bio-chemistry, and Animal Husbandry 7. This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged.

Graduate Course

110. **Research in Nutrition.** Time and credit to be arranged. Ivins.

Open to graduates only, major or minor. Designed for students in Animal Husbandry and Home Economics who desire to get acquainted with the problems of nutrition.

ART

Professors Eastmond, Larsen; Assistant Professors Jensen, Snell.

Students majoring in Art are required to take courses 1, 7, 8, 9, 11, 12, 13, 21, 38, 39, 40, 52, 53.

Lower Division Courses

1. Art Appreciation. Autumn. M. W. F., 1:30. Three hours credit. Eastmond.

Foundational principles of art introduced as a means for the general appreciation of art in nature and in the creations of the artist. General art survey.

7. Graphic Representation. Autumn. M. W. F., 2:30. Two hours credit. Larsen.

Object drawing in various media. Emphasis upon tone study in charcoal and upon mass media. Linear and circular perspective.

8. Graphic Representation. Winter. M. W. F., 2:30. Two hours credit. Larsen.

Emphasis upon drawing from still life, the cast, and the costumed model. Objective composition.

9. Graphic Representation. Spring. M. W. F., 2:30. Two hours credit. Larsen.

Study of perspective. Outdoor sketching in pencil and crayon media.

11, 12, 13. Water Color Painting. Autumn, Winter, Spring. T. Th., 3:30-5:30. Two hours credit each quarter. Eastmond.

Pictorial composition emphasized. Theory of color scheming. Standard methods introduced. Still life painting. Out-door sketching.

14, 15, 16. Commercial Art. Autumn, Winter, Spring. T. Th., 1:30. One or two hours credit each quarter. Jensen. See Marketing 14, 15, 16.

Show card writing, poster designing, advertising arrangement.

17, 18, 19. **Process Illustration.** Autumn, Winter, Spring. T. Th., 10:30. Two to four hours credit each quarter. Eastmond.

Method of drawing and painting for illustration. Drawing for the various process methods of modern engraving. Correlative illustration. Color theory applied. (Art 7 or the equivalent is prerequisite to 18.)

21. **Theory and Practice of Design.** Autumn, Sec. 1, M. W. F., 1:30. Sec. 2, T. Th., 1:30: Sections are arranged to correlate with the lines of work taken up in Art 25, 28, 29, etc. Prerequisites: Art 4, 5, 6, or the equivalent. Two hours credit. Eastmond and Larsen.

Rhythm, balance, harmony, and other foundational principles. Color study. The principles of design and color theory that are fundamental to the other courses in this department.

25, 26. **Applied Design.** Winter and Spring. T. Th., 1:30. Studio hours to be arranged. Two hours credit. Eastmond.

The principles of creative design as applied to the textile arts and ceramics. Theory of color adapted to creative design. Motif drawing emphasized. Prerequisite: Art 21.

28. **Home Planning.** Winter. M. W. F., 1:30. Two hours credit. Larsen.

Art principles applied to house planning. Historic development of the house. Study of common types of American homes. Relation of house and garden. Study of line, form and color.

29. **Interior Decoration.** Spring, M. W. F., 1:30. Two hours credit. Larsen.

The study of the art principles as applied to the decoration and the furnishing of the home.

35, 36. Mechanic Arts Design. Winter, Spring. M. W. F., 1:30. Two hours credit each quarter.

Design principles applied to the work of mechanic arts. Prerequisite: Art 21.

38. Outdoor Sketching with Oil Colors. Autumn. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Study of landscape elements and landscape composition.

39. Still Life and Figure Painting with Oil Colors. Winter. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Painting of flowers, fruits, pottery, and other still life objects. Pictorial composition emphasized.

40. Outdoor Sketching with Oil Colors. Spring. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

41, 42, 43. Art for Elementary School Teachers. Autumn, Winter, Spring, M. W. F., 3:30. One to three hours credit each quarter. Jensen.

Simple drawing and painting with various media. Paper cutting and construction, clay, crayons, water color, etc. Study of materials suitable for elementary applied design.

47, 48. Scenery Painting. Winter and Spring. T. Th., 3:30. Two hours credit each quarter. Eastmond.

The principles of pictorial and decorative composition applied to the theatrical stage. Applied color theory. Stage property designing and painting. Practical scenery painting.

Upper Division Courses

52. Art History and Appreciation. Winter. M. W. F., 1:30. Three hours credit. Eastmond.

Prehistoric structure, sculpture, graphic art and decoration. Interpretation and classification of masterpieces of architecture, sculpture, decoration and painting to the end of the middle ages.

53. **Art History and Appreciation.** Spring. M. W. F., 1:30. Three hours credit. Eastmond.

Renaissance architecture, sculpture, and decoration. Emphasis upon schools of painting beginning with the Primitive Florentine down to those of the nineteenth century. Illustrated lectures.

54. **Methods of Teaching Art.** Autumn, Winter or Spring. M., 3:30. Two hours credit. Eastmond. (See Secondary Education 62.)

57, 58, 59. **Interpretative Drawing.** Autumn, Winter, Spring. M. W. F., 3:30. Two hours credit. Larsen.

Figure and nature compositions in various media. Head, life, and the costumed model emphasized.

61, 62, 63. **Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. Studio hours to be arranged. Two to four hours credit each quarter. Jensen.

Poster designing and lettering. Systems of lettering. Sign writing introduced. Historical alphabets. Prerequisites: Art 14, 15, 16, 21.

64. **Water Color Painting.** Autumn. T. Th., 3:30 to 5:30. Two to four hours credit. Eastmond.

Objective landscape and still-life painting. Emphasis upon composition in line, mass and color. Theory of color scheming continued. Out-door sketching.

65. **Water Color Painting.** Winter. T. Th., 3:30 to 5:30. Two to four hours credit. Eastmond.

Illustrative and decorative landscape painting emphasized. Color theory applied.

66. **Water Color Painting.** Spring. T. Th., 3:30 to 5:30. Two to four hours credit. Eastmond.

Continuation of Art 65. Outdoor sketching. Individual expression emphasized.

67. **Oil Painting.** Autumn. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Emphasis upon landscape painting.

68. Oil Painting. Winter, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Painting from still life and the costumed model.

69. Oil Painting. Spring, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Outdoor sketching and landscape composition.

71, 72, 73. Decorative Painting and Applied Art. Autumn, Winter, Spring. M. W. F., 2:30. One to four hours credit each quarter. Eastmond.

Applied painting. Decorative composition correlated with interior decoration. Mural painting. Advanced scenery painting and poster designing. Creative designing applied to various crafts.

74, 75, 76. Process Illustration and Art Etching. Autumn and Winter. T. Th., 10:30. One to four hours credit each quarter. Eastmond. Prerequisites: Art 7, 8, 9, or 14, 15, 16.

Pictorial composition especially adapted to the various phases of line, tone and color engraving.

80, 81. Home Planning and Interior Decoration. Winter and Spring. M. W. F., 1:30. Two hours credit each quarter. Larsen. (See Household Administration 50 and 51.)

84, 85, 86. Art Pageant Production. Autumn, Winter, Spring. T. Th., 4:30. Two hours credit each quarter. Eastmond. Prerequisite, Art 21.

Principles of pageant composition. Symbolic representation. Study of tableau composition. Costume and property designing. Outdoor production emphasized.

90, 91, 92. Interior Decoration. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Larsen.

History of Interior Decoration. Emphasis on period furnishings. A practical study of the manufacture, design, installation and care of all mediums and materials used in interior decoration and home furnishings. Practical problems in interior decoration. Prerequisites: Art 21, 28, 29.

Graduate Courses

151, 152, 153. Nineteenth and Twentieth Century Art. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit. Larsen.

Appreciative interpretation of important works of art. Impressionism and modernist experiments in Europe and America. The development of American art. Brief survey of Utah art. Contemporary artists and their work.

157, 158, 159. Interpretative Drawing and Painting. Autumn, Winter, Spring. Two hours credit. Larsen.

Composition study in various media.

164, 165, 166. Water Color Painting. Autumn, Winter, Spring. Two to four hours credit each term. Eastmond.

Pictorial composition emphasized. Development of individual and temperamental expression.

167, 168, 169. Pictorial Composition—Oil Painting. Autumn, Winter, Spring. M. W. F., 3:30 to 5:30. Two to five hours credit. Larsen.

174, 175, 176. Advanced Process Illustration and Art Etching. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each term. Eastmond.

184, 185, 186. Art Pageant Production. Autumn, Winter, Spring. T. Th., 4:30. Credit to be arranged. Eastmond.

Pageantry as art expression emphasized. Tableau composition and color scheming.

200. Research. Autumn, Winter Spring. W., 3:30. Credit to be arranged.

BACTERIOLOGY

Professor Martin; Dr. Oaks.

21. **General Bacteriology.** Autumn or Winter. M. W. F. Three hours credit. Martin.

The course will consist of a study of the general characteristics and activities of microorganisms and their relation to man.

22. **General Bacteriology Laboratory.** Autumn or Winter. Two hours credit. Sec. 1. T. Th. Sec. 2 W. F. 1:30-4:30. Martin.

Laboratory course in general bacteriology, designed to accompany Bacteriology 21.

Upper Division Courses

62. **Dairy Bacteriology.** Winter. Laboratory 1:30-4:30 W. F., and one class period to be arranged. Three hours credit. Martin.

Attention is given to the bacteria of milk and dairy products in general, and their relation to disease. Prerequisites: Bacteriology 21 and 22, and Animal Husbandry 21. (Not given this year.)

81. **Pathogenic Bacteriology.** Spring. M. W. F., 10:30. Three hours credit. Martin.

An advanced course in bacteriology designed for those desiring information about human diseases and and who are preparing for the professions of nursing, public health, dietetics and medicine.

82. **Pathogenic Bacteriology Laboratory.** Spring T. Th., 2:30-5:30. Two hours credit. Martin.

Designed to accompany Bacteriology 81.

92. **Soil Microbiology.** Autumn. M. W. F., 8:30. Three hours credit. Martin.

A lecture course designed to acquaint the student with microorganisms in relation to soil fertility. Prerequisites: Bacteriology 21 and Agronomy 41, 52.

93. **Soil Microbiology Laboratory.** Autumn W. F., 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany Bacteriology 92. It will consist of a study of methods used in bacteriological investigation. Prerequisites: Bacteriology 21, 22, and Chemistry 10.

96. Seminar. One hour credit each quarter. Martin and Oaks.

98. Special Problems in Bacteriology. Credit, time, and subject matter to be arranged. Martin and Oaks.

Graduate Courses

181. Pathogenic Bacteriology.
182. Pathogenic Bacteriology Laboratory.
192. Soil Microbiology.
193. Soil Microbiology Laboratory.
196. Seminar.
198. Special Problems.

BOTANY

Assistant Professor Harrison; Professors Stewart, Morris.

Students majoring in Botany should present credit in Botany 1, 3, 50, 51, 52, 54, 57, 60, 75.

'Lower Division Courses

1. General Botany. Autumn, Winter, Spring, T. Th., 10:30. Laboratory, Th. or F., 1:30 to 4:30. Three hours credit. Harrison.

Course dealing with the fundamentals of the structure, physiology, and reproduction of plants. Prerequisite course to further work in the field of plant life. Also recommended for the non-science student.

2. General Botany. Winter. T. Th., 9:30. Laboratory, T., 1:30 to 4:30. Three hours credit. Harrison.

An introduction to members of the plant kingdom exclusive of the seed-plants. The habitat, structure, and life-history of members of a representative series of algae, fungi, mosses, and ferns.

3. Flowers of the Wasatch. Spring. M. W., 2:30-5:30. Three hours credit. Harrison.

The identification of early flowering plants of the Wasatch region, and training in the use of manuals along with some individual collecting work.

8. Ornamental Woody Plant Materials. Autumn. T. Th., 8:30. Two hours credit. Morris. (See Horticulture 8.) (Not given this year.)

9. Ornamental Woody Plant Materials. Spring. T. Th., 8:30. (Lab. 2:30-5:30.) Three hours credit. Morris (See Horticulture 9.) (Not given this year.)

Upper Division Courses

50. Algae. Autumn. T. Th., 8:30. Two lectures and one three-hour laboratory period a week. Three hours credit. Harrison.

A study of the morphology, life histories, classification and relation of the main groups of algae

Prerequisite: Botany 1. (Not given this year.)

51. **Fungi.** Autumn. T. Th., 8:30. Two lectures and one three-hour laboratory period a week. Three hours credit. Harrison.

A study of the development, morphology, and relationships of representative fungi. Prerequisite: Botany 1.

52. **Liverworts, Mosses and Ferns.** Winter. T. Th., 8:30. Two lectures and one three-hour laboratory period a week. Three hours credit. Harrison.

A study of the morphology, life histories and relationships of the liverworts, mosses and ferns. Prerequisite: Botany 1.

54. **Seed Plants.** Spring. T. Th., 8:30. Two lectures and one three-hour laboratory period a week. Three hours credit. Harrison.

A study of the morphology, life histories, classification and relationship of the higher plants. Prerequisites: Botany 1.

57. **Plant Ecology.** Autumn. T. Th., 9:30. , also one field trip or laboratory period a week. Three hours credit. Harrison.

The plant in relation to its environment and its adaptation to the factors of soil and climate; plant communities and succession of various types of vegetation. Prerequisite: Botany 1.

58. **Geographic Ecology.** Winter. M. W. F., 10:30. Three hours credit. Harrison.

A course devoted to a survey of the various floristic regions of the earth, with emphasis on North American problems. The course should be of special interest to students who expect to travel.

(Not given this year.)

59. **Range and Forest Ecology.** Autumn, Spring or Summer. One to four hours credit. Stewart and Martin.

Distribution of desert, mountain, and forest plants as influenced by the climatic and soil environment. Advanced students may be admitted by application for thesis problem in field.

60. **Plant Physiology.** Winter. M. W., 9:30; Laboratory, M. W., 1:30 to 4:30. Four hours credit. Harrison.

A lecture and laboratory course in physiology of plants, covering such topics as absorption, transpiration, synthesis of carbohydrates and proteins, etc. Prerequisites, Botany 1 and Chemistry 1 and 4.

65. **Plant Histology.** Spring. Time to be arranged. Three hours credit. Harrison.

This is primarily a laboratory course in the technique of preparing, staining and mounting of sections for microscopical examination. Prerequisite: Botany 1.

69. **Methods of Teaching Biology.** Autumn or Winter. Two hours credit. Hayward. (See Zoology 69 and Secondary Education 69.)

70. **Diseases of Cultivated Plants.** Autumn. M. W. F., 9:30; Laboratory M., 1:30 to 4:30. Four hours credit. Harrison.

This course deals with the important diseases of local plants, their identification, cause and treatment. Prerequisite: Botany 1, 51.

75. **Seminar.** Autumn, Winter. M., 4:30. One hour credit for each quarter. Harrison. (Required of all majors in their junior and senior years.

85. **Special Problems In Botany.** Credit, one to five hours. Time to be arranged. Harrison.

92. **Soil Microbiology.** (See Agronomy 92.)

93. **Soil Microbiology.** (See Agronomy 93.)

Graduate Courses

103. Field Ecology. Time and credit to be arranged. Harrison.

Field work in plant ecology done in connection with the regular biological expeditions sent out by the University. The full time of the student will be required during the period of field work.

153. Advanced Special Morphology. Time and credit to be arranged. Harrison.

Critical studies in the morphology of special groups.

159. Range and Forest Ecology.
160. Plant Physiology.
170. Diseases of Cultivated Plants.
175. Seminar.
185. Special Problems in Botany.
192. Soil Microbiology.
193. Soil Microbiology.
200. Research.

CHEMISTRY

Professor Maw; Assistant Professors Nicholes and Bryner; Mr. Johanson and Mr. Wing.

Students majoring in Chemistry must present credit in Chemistry 4, 5, 6, 10, 11, 70, 71, 72, 82, and are advised to commence work in German, French and in Mathematics as early as possible. Those desiring to teach must take Chemistry 67. Chemistry Majors are also required to attend the weekly Seminar.

Suggestions of sequence for the first three years in Chemistry are—4, 5, and 6 constitute the freshman year; 10, 11 and 12 the sophomore year; 70, 71, 72 the junior year.

Lower Division Courses

1. **Elementary General Chemistry.** Autumn, Winter or Spring. M. T. W. Th., 10:30. Four hours credit. Four lectures and demonstration periods and one quiz section. Bryner.

   This course is an introductory survey of chemistry. It is intended for students who desire a knowledge of the subject for its cultural and informational value.

2. **Elementary General Chemistry.** Autumn, Winter or Spring. Two hours credit. Lecture F., 3:30; Laboratory. M. W., 3:30 to 5:30. Johanson.

   Essentially a laboratory course to follow or accompany Chemistry 1.

3. **Introductory General Chemistry.** Autumn. M. W. F., 9:30. Five hours credit. Three lectures, one quiz period, and two laboratory periods. (Laboratory T. Th., 3:30-5:30.)

   This course is designed for persons who intend to major in home economics or whose objectives do not require the technical training of Chemistry 4.

4. **General Inorganic Chemistry.** Autumn. (M. W. F., Sec. 1, 8:30; Sec. 2, 1:30; or Winter 2:30.) Five hours credit. Three lectures and demonstration periods, one

quiz period, and two two-hour laboratory periods. Laboratory Sections: Section 1, T. Th., 7:30-9:30 or 8:30-10:30; Sec. 2, T. Th., 12:30-2:30 or 1:30-3:30. Winter. M. W., 3:30-5:30. Nicholes.

A technical and intensive study of the principles of inorganic chemistry in connection with the non-metals. Prerequisites: high school chemistry or Chemistry 1, and 2.

5. **General Inorganic Chemistry. Winter.** M. W. F. Section 1, 8:30, Secion 2, 1:30; Spring, 2:30. Five hours credit. Three lectures and demonstration periods, one quiz section, and two two-hour laboratory periods. Laboratory sections: Continuation of fall term. Nicholes.

Continuation of Chemistry 4, including a discussion of metals.

6. **Principles of Chemistry and Qualitative Analysis.** Autumn and Spring. Five hours credit. Recitation T. Th., 7:30. Laboratory M. W. F., 3 hours between 7:30-11:30. Two lectures and demonstration periods, one quiz, and three three-hour laboratory periods. Nicholes.

Theory and practice of inorganic qualitative analysis. The qualitative processes are inductively developed in the laboratory. Prerequisite: Chemistry 4 and 5.

9. **Elementary Organic Chemistry.** Winter. M. W. F., 9:30. Laboratory T. Th., 3:30-5:30. One quiz period. Five hours credit. Johansen.

Special emphasis is placed on those portions of Organic Chemistry that lay the foundation for a study of food and nutrition and Bio-Chemistry.

10, 11, 12. **Elementary Quantitative Analysis.** Autumn, Winter, and Spring. Two lectures and two three-hour laboratory periods. One quiz period. Laboratory periods: M. W., 2:30-5:30; T. Th., 1:30-4.30. Three hours credit each quarter. Maw and Wing.

The technique of gravimetric, volumetric and electrolytic processes of quantitative determinations. The principles and theoretical background are discussed. Prerequisites: Chemistry 4, 5, 6 and College Algebra

Upper Division Courses

51. **Advanced Inorganic Chemistry.** Autumn or Spring. Three hours credit. T. Th., 1:30. One recitation and two laboratory periods. Nicholes.

57. **Laboratory Technique.** Autumn, Winter or Spring. One to three hours credit. F., 2:30 Bryner.

This course gives training in glass manipulation and construction of apparatus.

62. **Quantitative Analysis.** Autumn, Winter, or Spring. Lecture W., 1:30, and one to three three-hour laboratory periods. Two to four hours credit. Maw and Wing ....

Continuation of Chemistry 10, 11. Lectures and student reports on special topics bearing on the chemical principles involved.

63. **Advanced Quantitative Analysis.** Autumn, Winter, or Spring. Time to be arranged. Two to ten hours credit according to work done. Maw and Wing

Complete analysis of typical minerals will be carried out. Written reports.

67. **Advanced General Chemistry.** Autumn, T. Th., 2:30. Two hours credit. Two class periods and one laboratory period. Nicholes.

70. **Organic Chemistry.** Autumn. Recitations, M. W. F., 9:30 and laboratory periods. T. Th., 1:30-4:30. Five hours credit. Maw and ....

Introduction to the study of carbon compounds. Laboratory experience in the syntheses and the reactions of the different classes of organic compounds discussed in the class.

71. **Organic Chemistry.** Winter. Three recitations.

M. W. F., 9:30 and two laboratory periods, T. Th., 1:30 to 4:30. Five hours credit. Maw and ....

Continuation of Chemistry 70. Aromatic compounds.

72. **Organic Qualitative Analysis and Advanced Organic Chemistry.** Spring. Two recitations. T. Th., 9:30. Laboratory: W. F., 2:30-5:30. Four hours credit. Maw and ....

73. **Organic Preparations.** Spring. M. W. F., 2:30. Three hours credit. Maw. (A laboratory course.)

76. **Bio-Chemistry.** Spring. M. W. F., 9:30 and two three-hour laboratory periods: T. Th., 2:30. Five hours credit. Maw or Nicholes.

This course aims to give a comprehensive outlook and acquaintance with the broader aspects of Biochemistry for students majoring in Biology, Medicine, Home Economics, or Agriculture.

77. **Bio-Chemistry.** Spring. Two recitations and three laboratory periods. Five hours credit. Maw or ....

This course deals largely with the chemistry involved in the human physiological processes.

82. **Physical Chemistry.** Autumn. T. Th., 2:30 and two laboratory periods: T. Th., 2:30-5:30. Four hours credit. Bryner.

An introduction to modern chemical theory. Prerequisite: Physics 42, Chemistry 12.

84. **Physical Chemistry.** Winter. M. W., 2:30 and two laboratory periods, T. Th., 2:30-5:30. Four hours credit. Bryner.

Continuation of Chemistry 82. Prerequisite: Calculus.

86. **Collid Chemistry.** Spring. Two lectures, M. W., 2:30 and two laboratory periods, T. Th., 2:30. Four hours credit. Bryner.

90, 91, 92. **Seminar.** Autumn, Winter or Spring. Monday 4:30. One hour credit. Open to advanced undergraduates and required of senior majors. Staff.

97. Research. Special problems for seniors. Time and credit to be arranged. Staff.

Graduate Courses

101. Colloid Chemistry. Spring, M. W., 9:30 and two laboratory periods. T. Th., 2:30-5:30. Four hours credit. Bryner.

102. Advanced Theoretical Organic Chemistry. Autumn, Winter, or Spring. T. Th., 10:30. Two hours credit. Maw.

103. Organic Preparations. Any quarter. Time to be arranged. Two to four hours credit, according to the quality and amount of work.

104. Qualitative Organic Analysis. Spring. Two recitations. T. Th., 1:30 and laboratory W. F., 2:30-5:30. Four hours credit. Maw.

Problems and assigned readings. Practice in identifying pure organic compounds and simple mixtures by analysis, physical properties and the preparation of derivatives.

105. Quantitative Organic Analysis. Spring. Time to be arranged. Two hours credit. Maw.

Quantitative analysis of organic compounds. Combustion methods.

106. Studies in the History of Chemistry. Spring. Two hours credit.

109. Advanced Inorganic Chemistry. Winter. M. W. F., 10:30. Three hours credit. Bryner.

Special topics in inorganic chemistry, written and oral reports.

110. Inorganic Preparations. Spring. T. Th., 10:30. Two hours credit. Bryner.

163. Advanced Quantitative Analysis. Autumn, Winter, or Spring. Time to be arranged. Two to ten hours credit, according to work done. Maw.

Complete analysis of typical minerals will be carried out. Written reports.

166. **Special Methods in Quantitative Analysis.**

a. **Water Analysis.** Two hours credit.
b. **Food Analysis.** Two hours credit.
c. **Electrolytic Analysis.** Two hours credit.
d. **Fire Assaying.** Two hours credit.
e, **Agricultural Analysis.** Two hours credit.

These courses may be taken any quarter, the time to be arranged. These are laboratory courses and written reports and discussions of the chemistry involved will form a part of the work. Prerequisites: Chemistry 10, 11, 12, or 62.

167. **Supervised Laboratory Teaching of Chemistry.** See 67. Nicholes.

177. **Bio-Chemistry.** Spring. Three recitations and two laboratory periods. Five hours credit. Prerequisites: Chemistry 70 and 71.

184. **Physical Chemistry.** Winter. M. W., 2:30 and two laboratory periods, T. Th., 2:30. Four hours credit. Bryner.

186. **Physical Chemistry.** Autumn, Winter, Spring. Time to be arranged. Two hours credit. Bryner. Advanced theoretical, physical chemistry.

190, 191, 192. **Seminar.** Autumn, Winter or Spring. M., 4:30. One hour credit.

197. **Research.** Special problems. Time and credit to be arranged. Staff.

200. **Thesis.** Time and credit to be arranged.

COMMERCE

ACCOUNTING AND BUSINESS ADMINISTRATION

Professors Clark, Poulson, Eyring, Johnson; Associate Professor Boyle; Mr. Smith, Mr. Kimball.

Students majoring in this department are required to take courses 1, 2, 56, and 74.

Lower Division Courses

1. **Elementry Accounting.** Autumn, Winter, and Spring. Daily. Autumn, Sec. I, 10:30, Sec. II, 1:30; Winter 10:30; Spring 10:30. Daily laboratory for all sections 2:30 to 3:30 and 3:30 to 4:30, one hour of which is required each day. Five hours credit. Johnson.

   An introduction to college accounting. The aim of this course is two-fold: first, a preparation for those who plan to enter business at once, and second, as a foundation course for advanced work in accounting.

2. **Elementary Accounting.** Winter and Spring. Daily. Winter, Sec. I, 10:30, Sec. II, 1:30; Spring 10:30. Daily laboratory for all sections, 3:30 to 4:30, one hour of which is required each day. Five hours credit. Johnson, Smith, and Kimball. Continuation of course 1.

Upper Division Courses

50, 51, 52. **Intermediate Accounting.** Autumn, Winter, Spring. M. T. W. Th., 10:30. Four hours credit each quarter. Clark.

Primarily corporation accounting with special emphasis on problems of depreciation, bases of revaluation, inventorying, etc. Open to students who have had Accounting 2, or the equivalent.

53. **Principles of Risk-Bearing.** M. W. F., 2:30; three hours credit. Boyle. (See Economics 53.) (Not given this year.)

54. **Credits and Collections.** Winter. M. W. F., 2:30. Three hours credit. Boyle.

Principles covering the granting of credit, the control of the credit line, when and how collections are made, establishment of retail credit bureaus, contracts, installment selling plans.

56. **Mathematical Theory of Investment.** Spring. M. W. F., 2:30. Three hours credit. Eyring. (See Mathematics 35.)

62. **Industrial Management.** Winter. M. W. F., 10:30. Three hours credit. Smith.

The organization of business for the most effective control of general administration, sales, purchases, etc., will be stressed. Prerequisite, Economics 61.

63. **Personnel Administration.** Spring. M. W. F., 10:30. Three hours credit. Boyle.

A study of modern practices and development in the scientific adjustment of the relations of employer and employee. Such problems as labor supply, labor turnover, promotion policy, etc., are studied.

64. **Psychology Applied in Business.** Autumn. M. W. T. F., 9:30. Four hours credit. Poulson.

65. **Experiments in Business Psychology.** Winter. Lecture W. 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

67. **Real Estate Procedure.** Autumn, Spring. M. W. F., 3:30. Three hours credit. Boyle.

A course which deals with the real estate problem, urban land valuation, real estate merchandising and selling, the problem of the separation of land and building valuation for rental purposes.

68. **Business Management.** Spring. M. W. F., 1:30. Three hours credit. Boyle. (Not given this year.)

The business cycle and its relation to policies and principles of business management. Senior standing is a prerequisite in order to draw upon the entire college background of business training.

74. **Principles of Statistics.** Autumn and Winter. M. W. F. Autumn 1:30; Winter 2:30. Three hours credit each quarter. Boyle.

Introduction to statistics This course required of all majors in Economics, Finance and Banking, Accounting and Business Administration, and Marketing.

75. **Business Statistics.** Winter and Spring. M. W. F. Winter, 2:30; Spring, 2:30. Three hours credit each quarter. Boyle. Prerequisite: Elementary statistics.

Fundamental methods of statistics in business and economic applications. Estimating future business; economic forecasting; fluctuations of business.

91. **Cost Accounting.** Autumn. M. T. W. F., 8:30. Four hours credit. Boyle. Prerequisites: Courses 50, 51 and 52.

Introduction to methods and principles of cost finding. Specialized methods of handling materials, costs, labor costs and overhead expense.

92. **Advanced Cost Accounting.** Winter. M. T. W. F., 8:30. Four hours credit. Boyle. Prerequisite: Accounting and Business Administration 91

Industrial accounting. Practical work in cost determination. Analysis of uniform cost accounting systems of modern industries.

93. **Income Tax Procedure.** Spring. M. T. W. F., 1:30. Four hours credit. Boyle. Prerequisites: Accounting 50, 51, and 52.

Federal and State income tax regulations and procedure. This course is designed to qualify the student for practical income tax work.

94. **Auditing Theory.** Autumn. M. W. F., 9:30. Three hours credit. Boyle. Prerequisites: Courses 50, 51, and 52.

Principles and methods of public accounting work. Rules of professional responsibility and conduct. Advanced interpretation of accounts and financial statements.

95. **Auditing Practice.** Winter. M. W. F., 9:30. Three hours credit. Boyle. Prerequisite: Course 94.

Practical work in auditing. Technique of verification of accounts and financial statements. Audit working papers.

96. **Advanced Accounting Problems.** Spring. M. T. W. F., 9:30. Four hours credit. Boyle. Prerequisites: Accounting and Business Administration 50, 51, 52.

C. P. A. and American Institute of Accountants' problems. Courses recommended as preparation: Accounting and Business Administration 50, 51, 52, 92, 93, and 94; Finance and Banking 43, 44, 51 and 52.

Graduate Courses

101. **Cost Accounting.** (See Accounting and Business Administration 91.)

102. **Advanced Cost Accounting.** (See Accounting and Business Administration 92.)

103. **Income Tax Procedure.** (See Accounting and Business Administration 93.)

104. **Auditing Theory.** (See Accounting and Business Administration 94.)

105. **Auditing Practice.** (See Accounting and Business Administration 95.)

106. **Advanced Accounting Problems.** (See Accounting and Business Administration 96.)

111-112-113. **Research in Accounting.** Hours and credit to be arranged with instructor.

114-115-116. **Research in Statistics.** Hours and credit to be arranged with instructor.

181-182-183. **Seminar in Business Psychology.** One to three hours credit. (See Psychology, 181-182-183.)

FINANCE AND BANKING

Professors Clark, Jensen, Miller, Lambert.

Lower Division Courses

14. **Economic and Financial History of the United States.** Autumn and Winter. M. W. F., 1:30. Three hours credit. Miller.

The economic development of the United States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization.

43. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Miller. (See Political Science 43.)

44. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Miller. (See Political Science 44.)

45. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit Miller. (See Political Science 45.)

Upper Division Courses

51, 52. **Business Finance.** Autumn, Winter. M. T. W. Th., 9:30. Four hours credit each quarter. Clark. Prerequisites: Economics 1 and 2.

Financial problems connected with the organization of corporations, underwriting and the sale of securities, management, expansion, and the reorganization of those that are not successful.

53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. Prerequisites: Economics 1 and 2.

A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States.

54. **Investments.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. Prerequisite: Finance and Banking 51. (Not given this year.)

A study of the various forms and methods of investment.

67. **Public Finance and Taxation.** Winter. M. W. F., 2:30. Three hours credit. Miller. (See Economics 67.)

The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration.

Graduate Course

101. Research in Business Finance. Winter, Spring. Two to five hours credit. Clark.

111. Public School Finance. Winter. Daily, 2:30 Five hours credit. Lambert.

The theory and the practice of financing public education in the American states. The accent is placed upon revenue systems. A course in taxation should precede or parallel this course.

MARKETING

Professors Johnson, Miller; Associate Professor Boyle; Assistant Professors Edgar Jensen, Shaw.

Students majoring in this department are required to take Marketing 85, Accounting 74, Psychology 64 and Economics 94, suggested.

Lower Division Courses

14, 15, 16. Commercial Art. Autumn, Winter, or Spring. T. Th., 1:30. One or two hours credit each quarter. Jensen. (See Art. 14, 15, 16.)

30. Geography of Economic Products. Spring. Daily, 1:30. Three hours credit. (See Geography 31.)

32. Marketing Fruits and Vegetables. Spring, M. W. F., 8:30. Three hours credit. Shaw. (See Horticulture 32.)

37. Agricultural Marketing. Autumn. M. W. F., 10:30. Three hours credit. Johnson.

An analysis of the problems of cooperative marketing of agricultural products, from the standpoints respectively of farmers, middlemen, and consumers.

Upper Division Courses

54. Credits and Collections. Spring. M. W. F., 2:30. Three hours credit. Boyle. (See Accounting and Business Administration 54.)

56. Transportation Problems. Spring M. T. W., Th., 9:30. Four hours credit. Miller. (See Economics 56.)

57. Principles of Marketing. Autumn. M. W. F., 8:30. Three hours credit. Johnson. Prerequisites: Economics 1 and 2, or Accounting 2.

58. Principles of Merchandising. Winter. Daily, 8:30. Five hours credit. Johnson. Prerequisites: Marketing 57, and Accounting 2. Psychology 64 recommended.

A study of principles and processes involved in marketing through existing retail outlets. Principles of salesmanship are included.

59. Advertising. Spring. M. W. F., 8:30. (Two hours laboratory each week, time to be arranged.) Four hours credit. Johnson. Marketing 14, 15, and 16 recommended. Prerequisite: Marketing 57.

The part advertising plays in business. Principles of advertising, including layout, media, campaigns, etc.

60, 61. Textiles. Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott. (See Clothing and Textiles 60, 61.)

81, 82, 83. Commercial Art. Autumn, Winter, and Spring. T. Th., 1:30. Two hours credit each quarter. Jensen. (See Art 61, 62, 63.)

85. Seminar in Marketing. Spring. M. W. F., 2:30. Three hours credit. Johnson. (Open only to students who have had Marketing 58 and Accounting 74.)

A seminar in current problems in marketing. Students are required to develop at least one major study of a marketing problem.

Graduate Courses

137. Research in Agricultural Marketing. Autumn. M. W. F., 10:30. Three hours credit. Johnson and Shaw.

156. Research in Transportation. Winter. M. T. W. Th., 9:30. Four hours credit. Miller.

157, 158, 159. Research in Marketing and Advertising. Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Johnson.

OFFICE PRACTICE

Professor Holt; Mrs. Lloyd, Mrs. Swenson, Miss Christensen

Lower Division Courses

11, 12, 13. Shorthand. Autumn, Winter, Spring. Daily, Sec. 1, 8:30; Sec. 2, 10:30. Four hours credit each quarter. Swenson and Christensen.

Theory of writing shorthand according to the Gregg system.

14, 15, 16. Advanced Shorthand. Autumn, Winter, Spring. Daily. 9:30. Three hours credit each quarter. Swenson.

Thorough review and drill of Gregg principles, brief forms, phrases, and most-used shorthand forms. Development of speed and accuracy in writing and transcribing various types of dictation. Mechanics of letter-writing.

17. Advanced Shorthand. Winter or Spring. Daily. 10:30. Four hours credit. Swenson.

Rapid dictation and transcription of general business letters, and legal documents; also elementary court reporting.

21, 22, 23. **Typewriting.** Autumn, Winter, Spring. Six hours a week. Two hours credit each quarter. See instructor for time. Lloyd.

Touch typewriting, according to standard methods.

24. **Typewriting.** Autumn, Winter, Spring. Daily. Two hours credit. (Elect one quarter only.) Lloyd.

31. **Business English.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit each quarter. Holt.

The substance and style of business English; clearness in sentences; correctness of diction; force in sentence structure, and diction. Business forms and usages.

ECONOMICS

Professors Miller, Nelson, Johnson, Lambert; Associate Professor Boyle; Assistant Professor Shaw; Mr. Smith.

The following courses are required for a major in Economics: Economics 1, 2, 14, 74, 94.

Lower Division Courses

1. **Economics—Introduction and Principles.** Autumn, Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Sec. 4, 2:30. Winter, two sections, 10:30, 1:30; Spring, two sections, 10:30, 1:30. Daily. Five hours credit each quarter. Miller, Smith, Boyle.

A general survey of industrial society; its structure, its institutions and operation. An historical background of the rise of modern capitalistic industry.

2. **Economics — Contemporary Economic Problems.** Winter, Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Spring, Sec. 1, 8:30; Sec. 2, 9:30. Daily. Five hours credit each quarter. Miller, Johnson, Smith. Prerequisite: Course 1.

A more advanced study of the underlying principles of economics. Includes an intensive study of several contemporary economics problems.

14. **Economic and Financial History of the United States.** Autumn. M. W. F., 1:30; Winter. M. W. F., 1:30. Three hours credit. Miller.

Economic development of the United States from colonial times to the present, with emphasis upon economic integration and industrial organization since the Civil War.

Upper Division Courses

51. **Principles of Risk-Bearing.** Autumn. M. W. F., 2:30. Three hours credit. Boyle. Prerequisites: Economics 1 and 2. (Not given this year.)

Life, health, accident, fire, property and liability insurance, and principles of risk-bearing as they apply to each classification of the insurance field.

53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. (See Accounting and Business Administration 53.)

56. **Transportation Problems.** Spring. M. T. W. Th., 9:30. Four hours credit. Miller.

This course deals with the growth and development of railway transportation and the development of public regulation and railway legislation in the United States.

60. **Social Legislation.** Autumn. M. W. F., 1:30. Three hours credit. Miller. (Not given this year.)

The state in relation to labor and social conditions. An intensive study of the legal aspects of modern social reforms. Foreign experiments in the field will also be studied.

61. **Labor Problems.** Autumn. M. W. F., 10:30. Three hours credit. Boyle.

This course deals with the wage system, domestic industry, the factory system, the rise and growth of labor organizations. Special problems in industrial and company unions will be stressed.

67. **Public Finance and Taxation.** Winter. M. W. F., 9:30. Three hours credit. Miller. (See Finance and Banking 67.)

74. **Principles of Statistics.** Autumn and Winter. M. W. F. Autumn, 2:30; Winter, 2:30. Three hours credit each quarter. Boyle.

Introduction to statistics. This course required of all majors in Economics, Finance and Banking, Accounting and Business Administration.

75. **International Economic Policies.** Winter. M. W. F., 2:30. Three hours credit. Miller.

A survey with particular reference to the United States, of the international aspects of the economic policies and activities of governments.

76. **History of Economic Thought.** Spring, daily, 2:30. Five hours credit. Miller.

The development and trend of economic thought from early times to the present. A brief survey up to about 1750, but chief emphasis will be given to Smith, Malthus, Richardo, and Mill.

94. Advanced Economics. Autumn or Winter. Daily, 8:30. Five hours credit. Prerequisites: Economics 1, 2, Lambert.

Advanced course in economic theory with application to present day economic problems.

Graduate Courses

160. Social Legislation. Autumn. M. W. F., 1:30. Three hours credit. Miller. (Not given this year.)

161. Labor Problems. Winter. M. W. F.,10:30. Three hours credit. Boyle.

167. Public Finance. Winter. M. W. F., 9:30. Three hours credit. Miller.

175. International Economic Problems and Policies. Winter. M. W. F., 2:30. Three hours credit. Miller.

176. History of Economic Thought. Spring. Daily, 2:30. Five hours credit. Miller.

194. Advanced Economics. Autumn or Winter. Daily, 8:30. Five hours credit. Prerequisites: Economics 1, 2, 3. Swenson.

Advanced course in economic theory with application to present day economic problems.

197. Research. Time and credit to be arranged. Staff.

200. Thesis.

AGRICULTURAL ECONOMICS

The following courses are required for a major in Agricultural Economics: Economics 1, 2, 74, 94; Agricultural Economics 30, 37, 61, 81, 82, 91, 92 and 93.

Lower Division Courses

30. Principles of Agricultural Economics. Autumn. M. W. F., 9:30. Three hours credit. Johnson. Prerequisite: Economics 1.

32. Marketing Fruits and Vegetables. Spring. M. W. F., 8:30. Three hours credit. Shaw. (See Horticulture 32.)

37. Agricultural Marketing. Autumn. M. W. F., 10:30. Three hours credit. Johnson. (See Marketing 37.)

Upper Division Courses

57. Principles of Marketing. Autumn. M. W. F., 8:30.

Three hours credit. Johnson. (See Marketing 57.)

60. **Farm Management.** Autumn. M. W. F., 9:30. Three hours credit. Shaw. (See Agronomy 60.)

61. **Economics of Farm Organization.** Winter. M. W. F., 9:30. Three hours credit. Shaw. (See Agronomy 61.)

81. **Land Economics.** Winter. M. W. F., 10:30. Three hours credit. Johnson.

Principles relating to the utilization, tenure, and conservation of land resources. Prerequisite: Agricultural Economics 30.

82. **Agricultural Finance.** Autumn. M. W. F., 2:30. Three hours credit. Johnson.

A study of agricultural credit, with special reference to existing financial organizations and their relation to agriculture.

91. **Western Land Problems.** Spring. M. W. F., 10:30. Three hours credit. Johnson.

A survey of the outstanding land problems of the Western States, particularly those of the Rocky Mountain division. Special Class reports by students will be required.

92. **American Agricultural Reform.** Spring. M. W. F., 1:30. Three hours credit. Johnson. (Not given this year.)

A review of the agrarian movements for economic and social reform in America. Subordinate treatment is given to recent and current programs for farm relief.

93. **Economic History of Agriculture.** Spring. M. W. F., 9:30. Three hours credit. Nelson. (Not given this year.)

The development of agriculture from its beginnings in the Old World to the present time. Historical background of contemporary agricultural problems.

Graduate Courses

181. **Land Economics.** Winter. M. W. F., 10:30. Three hours credit. Johnson.

182. **Agricultural Finance.** Autumn. M. W. F., 2:30. Three hours credit. Johnson.

191. **Western Land Problems.** Spring. M. W. F., 10:30. Three hours credit. Johnson.

EDUCATION

Professors A. N. Merrill, Woodward, Poulson, Lambert; Associate Professors Sudweeks, Boyle, Peterson; Assistant Professors Dusenberry, Brown, E. M. Jensen, and Training School Faculties.

With the approval of the major professor, credit in courses in any of the education departments may be offered to fill major requirements. Education 1 is an orientation course and is a prerequisite to the advanced courses, and Education 4 is required of those qualifying for elementary teaching.

Lower Division Courses

1. **Orientation in Education.** Autumn, Winter, Spring. M. T. W. Th., 9:30. Four hours credit each quarter. Woodward.(See Sociology 1.)

This course is a prerequisite to all other educational courses, and should be taken in the Freshman or Sophomore year. The course aims to reveal the nature of a rich and beautiful life; to determine certain fundamental guide posts; to acquaint the students with the spirit and extent of the great American school system, and the part it should play in building ideal American citizens and the opportunities it affords for a life of service.

2. **Social Education.** Autumn. T. Th., 9:30. Two hours credit. Boyle.

An introduction to the principles of educational sociology. A study of education in its sociological aspects. Application of objectives of education. Analysis of culture, morality, health, domestic efficiency, and vocational efficiency, Adjustment of education to the needs of society. Application of social needs to school practice, school administration, and curricula.

3. **Juvenile Literature.** Autumn, Winter, Spring. M. W. F. 8:30. Three hours credit each quarter. Dusenberry.

A study from the literary and educational points of view of the best literature available for children. This course offers a basis for selection, appreciation, presentation of the best and most suitable material available.

4. Principles of Education. Autumn, Winter, Spring. M. T. W. Th., 9:30. Four hours credit each quarter. Sudweeks.

The teacher, the child, the learing and teaching processes, measurements, and the American public school.

45. Statistical Methods. Autumn. Daily, 2:30. Five hours. Sudweeks.

This course deals with the principles and the methods that underlie the compilation, analysis, and interpretation of educational statistics. Students who have had Mathematics 13 should consult the instructor before registering.

Note: Students will find that a definite knowledge of certain mathematics involved in college algebra and analytic geometry are very valuable bases for the work in this course.

EDUCATIONAL ADMINISTRATION

Professor Lambert

Upper Division Courses

56. Standard Tests and Testing. Winter. Three hours credit. Sudweeks.

An introduction to the field of tests and examinations in elementary and high schools. Each student will carry out a complete testing project in the University Training School.

57. Old and New Type Examinations. Spring. T. Th. Two hours credit. Sudweeks.

The place of the old type examination and its improvement is considered. The use and the forms of the new type examinations are considered. A sequence to course 56.

58. Statistical Methods. Winter. Three hours credit. Sudweeks.

A continuation of elementary statistical methods which is a prerequisite to this course. Considers correlation procedures, simple, multiple, and partial.

62. **Organization and Administration of Secondary Schools.** Autumn or Winter. T. Th., 10:30. Two hours credit. Lambert.

An introduction to the theory and the current practices in organizing and administering secondary schools. Meets the State requirements for the secondary school credential.

69. **Measurements in Education.** Spring. Three hours credit. Sudweeks.

The use of objective measurements in evaluating the results of teaching in public schools.

73. **The Organization and Administration of Public Schools.** Autumn. Daily. 9:30. Five hours credit. Lambert.

This course considers the ways in which public schools are controlled and the ways in which states, cities, counties and local districts are organized for the conduct of public education. This is a foundational course for all students in education. It is required of all students who major in the field of administration.

74. **Personnel Administration.** Winter. M. T. W. Th., 2:30. Four hours credit. Lambert.

Problems of the teaching staff; construction of the educational program, assignment and transfer of teachers, promotion, tenure, the contract, insurance, retirement, the salary schedule, and problems of public service and public contacts.

75. **Educational Supervision.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

The evaluation and the improvement of teaching. Offered for students who have foundational work in psychology, in educational psychology, in school organization and in class-room procedures and theory.

ELEMENTARY EDUCATION

Associate Professor W. H. Boyle.

Students majoring in Elementary Education should conform to the following sequence of courses:

Freshman Year: Education 1, Social Science 11, Speech 1 or 11, English 1, 2, 3, Library 11, Physical Education 1, 21, 22, Art 41 or 42.

Sophomore Year: Education 4, Geography 52, History 82, Theory of Music 11 and 41, Zoology 58, Botany 21.

Junior Year: Elementary Education 51, 52, 54, 55, 56, 57, 61 or 62, 63, Psychology 51.

Senior Year: Upper division courses from the other departments of Education.

Upper Division Courses

51, 52. Methods of Teaching. Autumn and Winter. M. T. W. Th., 10:30. Three hours credit each quarter. Sec. 1, Kindergarten and Primary Grades, Brown. Sec. 2, Intermediate Grades, Peterson.

These courses are to be taken before or parallel with Elementary Education 54. They deal with the application of psychological principles to the teaching problems.

54. Elementary and Kindergarten Training. Autumn, Winter and Spring. Daily from 8:30 to 10:30, or 1:30 to 3:30. Ten hours credit. Brown and Peterson.

This is essentially a laboratory course affording opportunity for practice teachers to apply the principles of teaching developed in Elementary Education 51 and 52. Prerequisites: Fifteen hours of selected educational work.

55. School Organization and Administration. Autumn or Winter. M. W. F., 9:30. Three hours credit. Boyle.

This course will acquaint beginning teachers with the school as an institution in its relation to the state and the community. It meets state requirements for certification.

56, 57. The Elementary School Curriculum. Autumn, Winter. T. Th., 10:30. Two hours credit, each quarter. Brown.

This course is required for state certification. A detailed consideration of materials taught in the elementary school. At intervals, drills and tests in the materials of the fundamental tool subjects will be given to insure efficiency.

58. Health Education for Teachers. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit each quarter. Cullimore, Oaks and Merrill. (See Zoology 58.)

61. **First Grade Education.** Spring. M. W. F., 9:30. Three hours credit. Brown.

Problems of early elementary education will be considered. A study of the activities, subject matter and concrete materials which should form the basis of the work with young children. Class room observation required.

63. **School Management and Extra Curricular Activities.** Winter. T. Th., 8:30. Two hours credit. Peterson.

A course in the conservation and obtaining of the maximum educational value of every element in school and classroom organization.

64. **Myths of the World.** Autumn. T. Th., 7:30. Two hours credit. Dusenberry.

The major topics to be considered in this course are present and past customs, superstitions, folk lore, and mythological beliefs of the people of Egypt and India.

65. **Myths of the World.** Winter. T. Th., 7:30. Two hours credit. Dusenberry.

A continuation of 64. Topics of discussion: India and China.

66. **Myths of the World.** Spring. T. Th., 7:30. Two hours credit. Dusenberry.

A continuation of 65. Topics of discussion: Japan, Islands of Bali, Boreno, and the Philippines.

SECONDARY EDUCATION

Professor A. N. Merrill.

Upper Division Courses

51. **Organization and Administration of Secondary Schools.** Autumn or Winter. M. W. F., 10:30. Two hours credit. Merrill.

This course emphasizes methods of teaching high school subjects. It should be taken before or parallel with Secondary Education 54.

52. **Organization and Administration of Secondary Schools.** Autumn or Winter. T. Th., 10:30. Two hours credit. Lambert.

This course deals with the problems of high school organization and administration. It should be taken before or parallel with Secondary Education 54.

54. **Secondary Teaching.** Autumn, Winter, and Spring. Demonstration. W., 10:30. Practice periods to be arranged. Eight hours credit, four hours in each two quarters. Merrill, Boyle, Jensen, and Secondary Training School Faculty.

This is a course in practice teaching under supervision. Approximately eighty hours of participation and responsible class room teaching will be required. Prerequisites: Fifteen hours of selected educational work and consent of the instructors.

55. **Junior High School.** Spring. M. W. F., 9:30. Three hours credit. Merrill.

This course deals with problems in the organization and special functioning of the junior high school. (Not given this year.)

91. **The High School Curriculum.** Winter. M. T. W. Th., 9:30. Four hours credit. Merrill.

The principles governing the organization of the high school curriculum. The evaluotion of objectives of the course of study, and of the activity phase of the present high school curriculum.

94. **Educational and Vocational Guidance.** Autumn. M. T. W. Th., 9:30. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; and the modification of the high school curriculum to facilitate vocational choice.

95. **The Senior High School.** Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

This course deals with the problems of the senior high school, especially those concerned with the justification and the modification of the present curriculum.

GRADUATE WORK IN EDUCATION

The Master's Degree in Education is taken from the general field rather than any one specific department.

Students who plan to complete the requirements for this degree in education should choose a major professor or adviser from the members of the staff who are responsible for graduate work. This adviser will have the chief responsibility of directing the preparation of the thesis.

The graduate major will ordinarily be chosen from the courses here listed, but work in other departments of the university may be taken where the student's program appears to need such preparatory or supporting courses. The exact allotment of time within the program and the exact amount of time necessary to complete requirements will be determined for the student in the light of his undergraduate work in education and the field he chooses for graduate study.

101-110. Independent Readings in Organization, Administration and Supervision. Any quarter. Maximum of two hours credit for any one student in any one quarter. Lambert.

Properly qualified students may read in fields in which courses are not offered and in fields beyond those covered in the regular courses. The reading is planned to meet the needs of the student's graduate program. Registration by consent of the instructor.

111. Public School Finance, I. Winter. Daily, 9:30. Five hours credit. Lambert.

The theory and practice of financing public education in the American states. Emphasis in this course is put upon revenue systems. An enlarged reading program is part of the course. Educational administration 73 or its equivalent is a prerequisite. A course in taxation should precede or parallel this course. (Not given this year.)

112. Public School Finance, II. Winter. Daily, 9:30. Five hours credit. Lambert.

The business management of school systems. Expenditures, costs, purchases, accounting, and the school budget. Educational administration 73 or its equivalent is a prerequisite. Given each alternate year.

113. Advanced School Organization and Administration; Personnel Problems. Winter. M. T. W. Th., 2:30. Four hours credit. Lambert.

Problems of the teaching staff; training, selection, assignment, promotion, retirement. Contract, tenure, salaries. Given each alternate year. Educational Administration 73 is a prerequisite. (Not given this year.)

114. Organization and Supervision of a Single School. Spring. M. T. W. Th., 2:30. Four hours credit. Lambert.

The work of the school principal and the supervisor. Educational Administration 73 and work in educational psychology and teaching methods are prerequisites. Given each alternate year. (Not given this year.)

116. The Planning of School Building Programs. Spring. M. T. W. Th., 2:30. Four hours credit. Lambert.

How to project a school building program and to finance it. How to integrate the curriculum, the school organization, the buildings, and the school transportation system. Management and care of school plants. Educational Administration 73 or its equivalent is a prerequisite.

118. Introduction to Research and Thesis Writing. Autumn. T. Th., 2:30. Three hours credit. Lambert.

Two lectures each week with individual conferences and readings. A course in the principles of scientific investigation and the acceptable procedures of research. Specific assistance in the preparation of the master's thesis. Given for all of the graduate students in the university. Required of all candidates for the master's degree in the College of Education.

122. Problems in Part-Time Education. Two hours credit. Merrill and Woodward.

This course deals with the methods and the problems of part-time education; the character of the population to be educated, methods of teaching in part-time classes, job analysis, and course organization.

137. American Philosophy of Education. Time to be arranged. Three hours credit. Woodward.

147. Research in Secondary Education. Any quarter. Merrill.

Two or three hours credit is allowed for the completion of an acceptable paper that embodies the results of independent research upon some problem in secondary education. Registration by consent of the instructor.

150. Seminar in Education. Any quarter. Time arranged. Lambert, Merrill, Woodward, Sudweeks.

A seminar in educational research is organized any quarter for five or more graduate students. It provides an opportunity for qualified workers to extend their studies of educational problems and for graduate students to secure aid in pursuing and reporting their investigations.

170. Measurement of High School Teaching. Spring. M. W. F., 2:30. Three hours credit. Sudweeks.

A study of standard tests now available for use in the high school subjects. Scoring tests, interpreting results, and planning remedial teaching.

174. Advanced Educational Psychology. Winter. M. W. Th. F., 8:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson. Prerequisite: Psychology 11. (See Psychology 174.)

175. Psychology Tests. Spring. M. W. F., 7:30. Three hours credit. Poulson. Prerequisite: Psychology 11. (Alternates yearly with Psychology 105.) See Psychology 175.

179. Statistical Methods. Autumn. M. W. F., 2:30. Three hours credit. Sudweeks.

The principles and methods underlying the compilation and interpretation of educational data and graphical representation. Required of all candidates for the master's degree in Education.

180. Standard Tests and Testing. Autumn. M. W. F., 8:30. Three hours credit. Sudweeks.

The theory underlying measurement; available standard tests in elementary and high schools. Each student will carry out a complete testing project in the university training school.

183. **Statistical Methods.** Winter. Time to be arranged. Three hours credit. Sudweeks.

A course in correlation procedures—simple, multiple, partial. Elementary statistics are a prerequisite to this course.

184. **Educational Sociology.** Spring. Three hours credit. Woodward.

An introduction to the study of the principles of educational sociology and their application to the theory and practice of modern education.

185. **Philosophy of Nature.** Autumn. M. W. F., 9:30. Three hours credit. Woodward.

This course deals with a brief survey of the evaluation of philosophical thought; the place of philosophy in the solution of problems of modern civilization.

186. **Philosophic Ethics.** Autumn. T. Th., 11:30. Two hours credit. Woodward.

A brief treatment of the evolution of ethical thought and the principal philosophic problems that underlie ethical theory.

187. **Ethics as Applied to Individual Development.** Winter. T. Th., 11:30. Two hours credit. Woodward.

Considers a definite technique for character building. Designed to give specific help to teachers and students interested in the development of the abundant life.

188. **The Message of the World's Great Teachers.** Spring. T. Th., 11:30. Two hours credit. Woodward.

The message of life and self development as set forth by the world's outstanding teachers.

189. **Social Ethics.** Spring. M. T. W. Th., 10:30. Four hours credit. Woodward.

This course deals with the ethical theory as applied to our industrial and social problems; the breakdown of puritan ethics; individualism, Christian ethics, international gocd-will and world peace.

190. **Education and Twentieth Century Civilization.** Autumn. M. W. F., 10:30. Three hours-credit. Wood-

ward.

A consideration of the outstanding current political, economic, social, and educational conditions in the important countries of Europe, the Orient and the Occident.

191. Secondary School Curricula. Winter. 8:30. Four hours credit. Merrill.

The theory of the high school curricula. Particular attention is given also to the subject matter and student activities now required of students in the high schools of Utah.

194. Educational and Vocational Guidance. Autumn. M. T. W. Th., 9:30. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; modification of the high school curriculum to facilitate the vocational choice.

195. The Senior High School. Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

This course deals with the problems of the senior high school, especially those concerned with modifications of present practices.

196. History of Education in America. Winter. M. W. F., 10:30. Three hours credit. Woodward.

Special emphasis upon the modern period of the history of education.

198. Research in Philosophy of Education. Time to be arranged. Woodward.

Two or three hours credit for an acceptable paper that embodies the results of independent research.

199. Seminar in Philosophy. Winter or Spring. Two hours credit. Time to be arranged. Woodward.

This course deals with such problems as reality, the self, etc. Registration by consent of the instructor.

200. **The Master's Thesis in Education.** Each quarter. Lambert, Merrill, Sudweeks, Woodward.

Credit of two to six hours is given upon the completion of an acceptable thesis that embodies the results of independent research upon a significant problem in some field of concentration. Students should read the section of the catalog that contains the requirement of the graduate school.

PHILOSOPHY OF EDUCATION

Professor Woodward

This department is designed to prepare the student in the fundamentals of professional education with emphasis upon aims, objectives, the fundamental principles involved in the various levels and the relation the school bears to society.

The following sequence of courses is recommended:

1. In the junior year Philosophy of Education 74, 81, 84 and Psychology 74, or Philosophy of Education 72 or.92.
2. In the senior year Philosophy of Education 85, 86, 87, 88, 89, 90 and 94 or 96.
3. With the approval of the major professor certain courses from other departments in the College of Education may be substituted for certain courses in the above list.

Upper Division Courses

72. **Community Organization and Leadership.** (See Sociology 51.) Swenson.

74. **Rural Sociology.** (See Sociology 53.) Nelson.

81. **Science of Education.** Autumn, Winter, Spring. M. W. F., 8:30. Four hours credit. Woodward.

A consideration of the fundamental problems of educational theory and practice; the aims, standards and contents of education. A study of the principles of determining educational values.

84. **Educational Sociology.** (See Sociology 61.) Swenson.

85. Philosophy of Nature. Autumn. M. W. F., 9:30. Three hours credit. Woodward.

The course deals with a brief survey of the evolution of philosophical thought; the place of philosophy in the solution of problems of modern civilization.

86. Philosophic Ethics. Autumn. T. Th., 11:30. Two hours credit. Woodward.

This course will consist of a brief treatment of the evolution of ethical thought, the principal philosophic problems underlying ethical theory will be discussed.

87. Ethics as Applied to Individual Development. Winter. T. Th., 11:30. Two hours credit. Woodward.

The course aims to present a definite technique of character building. It is designed to give specific help to students and teachers interested in the development of the abundant life.

88. The Message of the World's Great Teachers. Spring. T. Th., 11:30. Two hours credit. Woodward.

This course deals with the message of life and self development as set forth by the world's outstanding teachers.

89. Social Ethics. Spring. M. T. W. Th., 10:30. Four hours credit. Woodward.

This course deals with ethical theory as applied to our industrial and social problems; the break-down of puritan ethics, individualism, Christian ethics, international good will and world peace. (See Sociology 89.)

90. Education ana Twentieth Century Civilization. Winter. M. W. F., 9:30. Three hours credit. Woodward.

This course deals with the outstanding present day political, economics, social and educational conditions in fourteen of the most important countries of the Orient and the Occident.

92. Vocational Education. Autumn. M. T. W. Th. Four hours credit. Merrill. (Not given this year.)

This course will deal with the aims and needs of vocational education and how this type of educational activity answers the demand of society.

93. **Philosophical Analysis (Logic.)** Spring. M. W. F., 9:30. Three hours credit. Woodward. (Not given this year.)

This course deals with a study of the primary forms of thought; inductive and deductive processes.

94. **Methods of Character Education.** Winter. T. Th., 8:30. Two hours credit. Woodward. (Not given this year.)

Education as training for social efficiency, and the school as one of several agencies for such training. The moral significance of the various studies and activities of the school.

96. **History of Education.** Winter. M. W. F., 10:30. Three hours credit. Woodward. (Not given this year.)

A discussion of the educational theories and practices of the Greek, Roman, and Medieval periods of history, with special emphasis on the modern period.

99. **Philosophy Seminar.** Winter and Spring. Two hours credit. Woodward.

This course is intended for advanced students only. It deals with such problems as Reality, The Self, Immortality, etc. Registration is possible only by consent of the instructor.

ENGLISH

Alfred Osmond, Professor Emeritus
Professors Christensen, Reynolds, Holt, Merrill; Associate Professors Jensen, Rowe; Assistant Professor Young; Mrs. Carroll, Mr. Culmsee, Miss Black, Miss Candland.

Scope of Instruction

The English department offers courses in English language, English literature, American literature, general and comparative literature, and journalism. For convenience the courses in general and comparative literature are brought together. The courses in journalism constitute a departmental division.

Requirements for the Degree of Bachelor of Arts*

Students who elect their major in English will be required to complete thirty hours of work in English in addition to courses 1, 2, and 3, and must elect four of the five period courses; provided, however, that they make the following substitutions: Course 60 for 72; 90 for 74; and 91 for 75.

The following additional work is required: Course 12; course 81 or 95; one of the following group of courses: 83, 84, 85, 86, and 88; and course 82. The following substitutions may, however, be made: Course 57 or three hours of journalism for course 12; and course 24 or 69 for 82. Twenty-four hours in one or more foreign languages are required. A course in English history, unless taken in high school, is strongly recommended.

Courses 20, 21, 22 are not open to students who elect their major in English. For students who minor in English and who intend to teach the subject, the department specially recommends the following: 11, 12, 15, 16, 24, 71, 72, 73, 74, 75.

Students making English a minor and desiring the recommendation of the department to take secondary training in English are required to take an examination in grammar and composition.

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*The degree of Bachelor of Science is not given in English.

Requirements for the Degree of Master of Arts

Candidates for the Degree of Master of Arts in English must have the equivalent of the requirements for the Degree of Bachelor of Arts in English; they must offer upper division or graduate credit in Old English, Chaucer, and Shakespeare; they must have, exclusive of thesis credit, at least twenty hours of graduate credit in English; they must write a satisfactory thesis; and they must pass a comprehensive oral examination in the field of English language and literature. The Degree of Master of Science is not given in English.

Placement Tests for Freshman English

In Freshman English consideration is given to the individual needs of students. To determine these needs all freshmen are required to take a placement test at the time of registration. Assignments to classes are made after this test.

Lower Division Courses

1. **Composition and Literature.** Autumn. M. W. F. Classes available at 8:30, 9:30, 10:30, 1:30, and 2:30. Three hours credit.

Review of grammar, study of the principles of composition, theme writing, and readings in literature.

2. **Composition and Literature.** Winter. Sections and time the same as in course 1. Three hours credit.

Continuation of course 1.

3. **Composition and Literature.** Spring. Sections and time the same as in courses 1 and 2. Three hours credit.

Continuation of course 2.

4. **Business English.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit. Holt.

The substance and style of business English; correctness of diction; business forms and usages.

11. **Advanced English Grammar.** Autumn, 1:30. Spring, 1:30. Four hours credit. Young.

Prerequisites: English 1, 2, and 3.

12. **Advanced Rhetoric and Composition.** Winter. M. W. F., 2:30. Three hours credit. Young.

Long themes, lectures, conferences, and required reading. Prerequisites: English 1, 2, and 3.

15. **Early American Writers.** Autumn. M. F., 9:30. Two hours credit. Merrill.

A survey of American literature from Captain John Smith to about 1865.

16. **Later American Writers.** Winter. M. F., 9:30. Two hours credit. Merrill.

A survey of American literature from about 1865 to the present century.

17. **Contemporary American Poets.** Spring. T. Th., Sec. 1, 1:30; Sec. 2, 2:30. Two hours credit. Osmond.

A study of the principal American poets.

18. **Contemporary American Novelists.** Winter. T. Th., Sec. 1, 1:30; Sec. 2, 2:30. Two hours credit. Osmond.

A study of the principal American novelists.

19. **Contemporary American Short Story Writers.** Autumn. T. Th., Section 1, 1:30; Sec. 2, 2:30. Two hours credit. Osmond.

A study of the principal American short story writers.

20. **Masterpieces of English Literature.** Autumn. T. Th. Sec. 1, 9:30, Young; Sec. 2, 10:30, Carroll. Two hours credit.

A study of the principal English masterpieces.

21. **Masterpieces of English Literature.** Winter. T. Th. Sec. 1, 9:30, Young; Sec. 2, 10:30, Carroll. Two hours credit.

A continuation of course 20.

22. **Masterpieces of English Literature.** Spring. T. Th. Sec. 1, 9:30, Young; Sec. 2, 10:30, Carroll. Two hours credit.

A continuation of course 21.

23. **Contemporary British Literature.** Spring. M. W. F., 1:30. Three hours credit. Rowe.

24. **Shakespeare's Comedies.** Autumn. M. T. W. Th., 9:30. Four hours credit. Osmond.

A study of the principal comedies.

Upper Division Courses

52. **Argument and Debate.** Autumn. M. W. F., 1:30. Three hours credit. Rowe. (See Speech 52.)

A study of the principles of argument followed by a series of debates on current questions. Prerequisites: English 1, 2, and 3.

53. **Romantic Prose.** Autumn. T. Th., 10:30. Two hours credit. Rowe.

A study of the principal prose writings of the Romantic Movement.

57. **Short-Story Writing.** Autumn. M. T. W. Th., 10:30. Four hours credit. Osmond.

In this course, the greater part of the student's time is given to practice in writing short-stories. Prerequisites: English 1, 2, and 3.

58. **The New Biography.** Spring. T. Th., 8:30. Two hours credit. Jensen.

A study of the best recent biographies.

59. **Poetry.** Spring. T. Th., 2:30. Two hours credit. Osmond.

A practical course in the various forms of verse-writing.

60. **English Drama to 1642.** Autumn. M. T. W. Th., 10:30. Four hours credit. Young.

The beginning and development of English drama, not including Shakespeare, to the closing of the theaters.

64. **Philology.** Winter. T. Th., 2:30. Two hours credit. Osmond.

A study of the history and development of words and their ways in English speech.

69. **Shakespeare's Tragedies.** Winter. M. T. W. Th., 9:30. Four hours credit. Osmond.

A study of the principal tragedies.

71. **Medieval Literature.** Autumn. M. T. W. Th., 9:30. Four hours credit. Christensen.

72. **English Literature from 1500-1660.** Winter. M. T. W. Th., 10:30. Four hours credit. Young.

73. **English Literature from 1660-1780.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

74. **English Literature from 1780-1832.** Winter. M. T. W. Th., 10:30. Four hours credit. Rowe.

75. **English Literature from 1832-1900.** Winter. M. T. W. Th., 10:30. Four hours credit. Reynolds.

81. **Chaucer.** Autumn. M. T. W. Th., 8:30. Four hours credit. Christensen.

82. **Shakespeare.** Spring. M. T. W. Th., 9:30. Four hours credit. Christensen.

An intensive and critical study of the principal plays.

83. **Milton.** Winter. M. W. F., 9:30. Three hours credit. Christensen.

A study of the author's poetry and prose.

84. **Wordsworth.** Spring. M. W. F., 10:30. Three hours credit. Rowe.

The author's theory of poetry and his principal poems will be studied.

85. **Tennyson.** Winter. M. W. F., 2:30. Three hours credit. Reynolds.

A study of the author's principal major and minor poems.

86. **Browning.** Spring. M. W. F., 2:30. Three hours credit. Reynolds.

A study of the author's principal major and minor poems.

87. Matthew Arnold. Autumn. T. Th., 2:30. Two hours credit. Christensen.

Study of Arnold's poetry and prose.

88. Spenser. Spring. M. W. F., 2:30. Three hours credit. Young.

A study of the author's poetry and prose.

89. Byron. Winter. T. Th., 1:30. Two hours credit. Rowe.

Study of the author's principal works.

90. Romantic Poetry. Autumn. M. W. F., 10:30. Four hours credit. Reynolds.

A study of romanticism as manifested in the poetry of the eighteenth and nineteenth centuries.

91. The Victorian Poets. Autumn. M. W. F., 2:30. Three hours credit. Reynolds.

92. The English Novel. Autumn. M. T. W. Th., 2:30. Four hours credit. Jensen.

The history of English prose fiction to the beginning of the Victorian Period.

93. The Modern English Novel. Winter. M. T. W. Th., 10:30. Four hours credit. Jensen.

A consideration of the technique of the novel and various phases of life reflected in this form of literature.

94. The English Essay. Winter. T. Th., 8:30. Two hours credit. Jensen.

The origins of the essay, and its development to the present time.

95. Old English. Winter. M. T. W. Th., 8:30. Four hours credit. Christensen.

Old English grammar and reading exercises.

96. Beowulf. Spring. M. W. F., 7:30. Three hours credit. Christensen.

The entire poem is read in the original. Prerequisite: course 95.

97. The History of the English Language. Spring. M. T. W. Th., 8:30. Four hours credit. Christensen.

An historical and philological study of the language from the Old English period to the present time.

98. Literary Criticism. Winter. M. W. F., 2:30. Three hours credit. Christensen.

A study of literary values.

General and Comparative Literature

Lower Division Courses

26, 27, 28. Types of World Drama. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Rowe.

The great plays of the world are studied according to type.

Upper Division Courses

61. Modern European Drama. (Continental.) Autumn. T. Th., 2:30. Two hours credit. Reynolds.

62. Modern European Drama. (British.) Winter. T. Th., 2:30. Two hours credit. Reynolds.

63. Modern Drama. (American.) Spring. T. Th., 2:30. Two hours credit. Reynolds.

65, 66, 67. Types of World Literature. Autumn, Winter, Spring, T. Th., 10:30. Two hours credit each quarter. Christensen and Carroll.

99. Types of Poetry. Spring. M. T. W. Th., 10:30. Four hours credit. Osmond.

A study of lyric, epic, and dramatic poetry.

Graduate Courses

160. English Drama to 1642. Autumn. 2:30. Young.

165, 166, 167. Types of World Literature. Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Christensen and Carroll.

169. Shakespeare's Tragedies. Winter. 9:30. Osmond.

171. Medieval Literature. Autumn, 9:30. Four hours credit. Christensen.

172. English Literature from 1500 to 1660. Winter. 10:30. Four hours credit. Young.

173. English Literature from 1660 to 1780. Spring. 2:30. Four hours credit. Jensen.

174. English Literature from 1780 to 1832. Winter. 10:30. Four hours credit. Rowe.

175. English Literature from 1832 to 1900. Winter. 10:30. Four hours credit. Reynolds.

181. Chaucer. Autumn. 8:30. Four hours credit. Christensen.

182. Shakespeare. Spring. 9:30. Four hours credit. Christensen.

183. Milton. Winter. 9:30. Three hours credit. Christensen.

184. Wordsworth. Spring. 10:30. Three hours credit. Rowe.

185. Tennyson. Winter. 2:30. Three hours credit. Reynolds.

186. Browning. Spring. 2:30. Three hours credit. Reynolds.

187. Matthew Arnold. Autumn. 2:30. Two hours credit. Christensen.

188. Spenser. Winter. 2:30. Three hours credit. Young. (Not given this year.)

195. Old English. Autumn. 8:30. Four hours credit. Christensen.

196. Beowulf. Spring. M. W. F. Three hours credit Christensen.

197. The History of the English Language. Spring 8:30. Christensen.

198. Literary Criticism. Winter. 2:30. Three hours credit. Christensen.

200. Thesis for Master's Degree. Time and credit to be arranged.

JOURNALISM

English 1, 2, and 3 are prerequisites for all courses in Journalism with the exception of Course 1 which may be taken concurrently with those courses.

Students who elect to major in Journalism must present thirty hours of credit in Journalism and satisfy the general English requirements, except that of a foreign language. The following subjects are required: Journalism 1, 2, 3, 4, 51, 52 or 53, 54, 59, 65.

All majors in Journalism should be able to operate a typewriter.

Lower Division Courses

1. **History of Journalism.** Spring. M. F., 10:30. Two hours credit. Merrill.

This course will include a study of the development of the English as well as the American press, but will lay special emphasis upon recent times and movements.

2. **News and Newswriting.** Autumn. M. W. F., 8:30. Three hours credit. Culmsee.

A course in the study of what constitutes news as well as practice in gathering and writing news copy.

3. **Reporting.** Winter. Time to be arranged. Two hours credit. Merrill and Culmsee. Prerequisite: Journalism 2.

Methods of gathering and reporting news. Students will gather news in the regular channels in the City of Provo and will have experience in reporting for the daily press. Meetings for lectures will be arranged.

4. **Editing and Makeup.** Winter. M. W. F., 8:30. Three hours credit. Culmsee. Prerequisite: Journalism 2.

A study of and practice in copy reading, editing, newspaper makeup, and headline writing.

5. **College Journalism.** Autumn. Time to be arranged. One hour credit. Culmsee. Prerequisite: Journalism 2 or 4, or their equivalent.

Open only to members of the staff of the Y News who have credit in Journalism 2, 3, or 4, or the equivalent.

14, 15, 16. Commercial Art. Autumn, Winter, Spring. Jensen. (See Art 14, 15, 16,) One to two hours credit each quarter.

17, 18, 19. Process Illustration. Autumn, Winter, Spring. Eastmond. (See Art 17, 18, 19.) Two to four hours credit each quarter.

21. Problems of Citizenship. Winter. Miller. (See Political Science 21.) Two hours credit.

Upper Division Courses

51. Editorials and Editorial Writing. Winter. M. F., 2:30. Two hours credit. Merrill.

A study of the editorial and practice in writing it.

52. Special Feature Articles. Spring. M. W. F., 8:30. Culmsee. Prerequisite: Journalism 2, or the permission of the instructor. Three hours credit.

A study of newspaper and magazine special feature articles, types, and sources. Help will be given in planning and marketing the article.

53. Writing for the Magazines. Autumn. M. F., 2:30. Two hours credit. Merrill. Prerequisite: Consultation with the instructor.

This course is designed for those who have some hope of making writing for the press either their vocation or an important avocation. All types of magazine materials and markets will be studied.

54. Book Reviewing. Autumn. T. Th., 9:30. Two hours credit. Jensen. Prerequisite: Journalism 2 or 3, or English 12.

A study of current books, both fiction and non-fiction, and practice in reviewing them.

59. Advertising. Spring. Johnson. (See Marketing 59.) Four hours credit.

Arrangements for Journalism majors to enter this course must be made through the Division of Journalism.

60. Problems of the Weekly Paper. Spring. M. F., 2:30. Two hours credit. Merrill. Prerequisite: Journalism 2 or 4.

A study of the country weekly, its place in American life, and its possibilities.

61, 62, 63. Commercial Art. Autumn, Winter, Spring. Jensen. (See Art 61, 62, 63.) Two to four hours credit each quarter.

65. Technique of Publicity. Spring. T. Th., 8:30. Two hours credit. Culmsee. Prerequisite: Journalism 2 or 3.

A study of the approach to the public consciousness through the newspaper, the lecture, the radio address—in fact, a study of the purposes and means of publicizing

87. Teaching of Journalism. Spring. M. F., 3:30. Merrill.

This course is designed for English and Journalism majors who expect to teach in high school. It will include problems of supervision. Prerequisite: Journalism 2 or 4.

97, 98, 99. Recent Social Trends. Nelson. (See Sociology 97, 98, 99.) Two hours credit each quarter.

GEOLOGY AND GEOGRAPHY

Professors Hansen, Martin; Associate Professor Hales; Mr. Coffman.

GEOLOGY

Geology 1, 2, 3, 30, 51, 57, 71, 91 are required of students majoring in Geology.

Lower Division Courses

1. **General Geology Survey Course.** Autumn, 9:30. Winter and Spring, 10:30. Daily. Four hours credit. Four lectures and demonstration periods, and one quiz section. Hansen and Coffman.

   A survey of the fields of physical and historical geology, which will give the student a basis for reading and thinking on the relation of the earth, man and nature.

2. **Physical Geology.** Winter. Lectures T. Th., 9:30. Laboratory T. Th., 2:30 to 5:30, and two Saturday field trips. Three hours credit. Hansen. Prerequisite: Geology 1.

3. **Historical Geology.** Spring. Lectures T. Th., 9:30. Laboratory T. or Th., 2:30 to 5:30, and some assigned laboratory work. Three hours credit. Hansen. Prerequisite: Geology 1.

30. **Mineralogy.** Autumn. T. Th., 8:30. Laboratory T. Th., 2:30 to 4:30. Four hours credit. Hansen. Prerequisites: Chemistry 6 and Geology 1.

Upper Division Courses

51. **Economic Geology.** Winter. Daily, 8:30. Five hours credit. Hansen. Prerequisites: Geology 1, 2, 3, and 30.

    The geologic occurrence, economic importance and methods employed in mining the non-metallic, metallic, and mineral products.

55. **Sedimentation.** Winter. M. W. F., 8:30. Three hours credit. Hansen. (Not given this year.)

Lectures on the processes of sedimentation, supplemented by laboratory studies of unconsolidated sediments and sedimentary rocks.

57. **Soil Geology.** Spring. M. W. F., 8:30. Three hours credit. Martin. Prerequisites: Geology 1, 2, and 3; Chemistry 1, and Physics 21.

63. **Water Resources.** Autumn. M. W. F., 1:30. Three hours credit. Coffman. Prerequisite: Geology 1 and 2. (See Agronomy 63.) (Not given this year.)

A study of underground waters and their economic importance.

71. **Invertebrate Paleontology.** Spring. M. W. F., 2:30, and three hours laboratory work. Prerequisite: Zoology 55. Three hours credit. Hansen.

72. **Vertebrate Paleontology.** Spring. T. Th., 10:30. Three hours laboratory. Prerequisite: Zoology 56 or Geology 3. Three hours credit. Hansen. (Not given this year.)

73. **Stratigraphy and Fossils of the Wasatch.** Autumn. Time to be arranged. Eight hours field or laboratory work. Prerequisite: Geology 71. Three hours credit. Hansen.

83. **Seminar.** Autumn, Winter and Spring. One hour credit each quarter. W., 3:30.

Credit limited to junior and senior students who are majoring in this department.

91. **Structural and Field Geology.** Spring. Daily, 8:30, and forty hours laboratory or field work during the quarter. Five hours credit. Hansen. Prerequisite: Geology 51.

93. **Ore Deposits of Utah.** Winter. T. Th., 9:30, and trips to Utah mining districts, the expense of which the student must meet. Three hours credit. Hansen. Prerequisite: Geology 91. (Not given this year.)

95. Geology of the United States. Spring. Time to be arranged. 3 hours credit. Hansen. Prerequisite: Geology 91.

96. Readings in Geology. (A, B, C, D, E, F.) Credit to be arranged for students majoring in Geology. Hansen.

Graduate Courses

101, 102, 103. Research. Hours and credit to be arranged. Hansen.

Special problems in the field of Geology will be assigned to students prepared to do original work.

110. Geology of Utah. Autumn, T. Th., 1:30, and three long field trips, the expense of which is borne by the students. Three hours credit. Prerequisite: Geology 91. Hansen.

121. Index Fossils. Spring. M., 10:30, and six hours laboratory work by arrangement. Three hours credit. Hansen.

151. Special Problems in Non Metals.

151A. Special Problems in Metals.

155. Sedimentation.

191. Engineering Problems in Geology.

195. Geology of the United States.

196. Readings. (A. B, C.)

200. Thesis Work.

GEOGRAPHY

Lower Division Courses

5. Introductory Geography. Autumn. M. T. W. Th., 1:30. Four hours credit. Coffman.

Deals with the fundamental principles of Geography.

6. Physiography. Winter. M. T. W. Th., 1:30. Three hours credit. Hansen and Coffman. (Not given this year.)

A general course in the agencies that work on the earth's surface and the forms developed by them.

7. Advanced Physiography. Spring. M. W. F., 1:30, and several field trips by arrangement. Four hours credit. Prerequisite: Geography 6. Hansen and Coffman. (Not given this year.)

Continuation of course 6.

21. Meteorology. Autumn. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 21.)

This course deals with the physics of the earth's atmosphere.

31. Geography of Economic Products. Spring. Daily, 1:30. Three hours credit. Coffman. (See Marketing 30.)

This course deals with the geographic and human factors that have governed the development and localization of industries.

Upper Division Courses

50. The Geography of Life. Spring. M. W. F., 10:30, and all-day field trips. Four hours credit. Hansen. (Not given this year.)

Lectures and readings on the factors that control the distribution and abundance of plant, animal and human life. A thesis on some assigned aspect of the subject.

52. Human Geography. Autumn. M. W. F., 8:30. Three hours credit. Hansen.

The response man has made to his geographic environment.

62. Geography of the United States. Autumn. M. W. F. Three hours credit. Hansen. (Not given this year.)

Geography 5 and 6 are prerequisites to this course.

Graduate Courses

105, 106, 107. Research. Hours and credit to be arranged. Hansen.

Under this course special problems may be assigned students who are prepared to do original work in the field of Geography.

111. Physiography of Utah. Spring. T. Th., 8:30, and three Saturday field trips. Three hours credit. Hansen.

Deals with the present surface forms of Utah and how they came to be developed.

152. Special Problems in Human Geography.

162. Geography of United States.

200. Thesis Work.

ANTHROPOLOGY

Upper Division Courses

51. Indians of Western America. Autumn. Lectures T. Th., 2:30 Field trips on Saturday. Three hours credit.

52. Archeology of Utah. Winter. Lectures T. Th., 2:30. Field trips or assigned readings on Saturday. Three hours credit. Reagan.

53. Western Archeology. Spring. Lectures T. Th., 2:30. Field trips or assigned readings on Saturday. Three hours credit. Reagan.

94. Physical Anthropology. Autumn. Lectures T. Th., 11:30. Prerequisites: Geology 1. Two hours credit. Hansen.

Graduate Courses

151, 152, 153. Archeology. Arranged for graduate students in Archeology. Registration only upon consultation of teacher. Hansen and Reagan.

194, 195, 196. Anthropology. Arranged for graduate students who wish to do advanced work. Registration only upon consultation with the professors. Hansen and Reagan.

HISTORY

Professors Jensen, Snow; Associate Professor Sperry; Assistant Professor Swenson; Mr. O. M. Wilson.

Requirements for a Major in History

Students must present a minimum of fifteen hours of upper division credit in History. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

1. **History of Civilization.** Autumn and Spring. Daily, 8:30. Five hours credit. Snow.

An orientation course covering all phases of human achievement. Cultural and constructive forces are of chief consideration. The survey is universal in time and place.

10. **History of England to 1485.** Autumn. M. W. F., 8:30. Three hours credit. Wilson.

Origin and development of the English people and English institutions from earliest times to 1485.

11. **History of England, 1485 to 1714.** Winter. M. W. F., 8:30. Three hours credit. Wilson.

Special consideration to the development under the Tudors and the struggle of Divine right claims of the Stuarts against parliamentary prerogative. The triumph of Parliament 1689-1714.

12. **History of England, 1714 to 1934.** Spring. M. W. F., 8:30. Three hours credit. Wilson.

Cabinet government. A survey of the reform movements, political, economic and humanitarian in the nineteenth century, and England's relation to foreign affairs, to the time of the World War and after.

20. **History of the United States to 1789.** Autumn. M. W. F., 2:30. Three hours credit. Wilson.

Problems of discovery, exploration, and colonization; causes, conflicts, and results of American Revolution; establishment of state governments; formation and ratification of Constitution of the United States.

21. **History of United States, 1789 to 1861.** Winter. M. W. F., 2:30. Three hours credit. Wilson.

Federalist and Anti-Federalist control of government; foreign affairs and the Monroe Doctrine; "Rise of the New West"; problems of nullification; economic, political, and moral phases of slavery.

22. **History of United States, 1861 to 1934.** Spring. M. W. F., 2:30. Three hours credit. Wilson.

Problems of the Civil War and reconstruction; the new economic era; a new imperialism; the United States and the World War; post-war problems.

28. **History of Hispanic America.** Winter. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

A brief survey of the colonial period and a more thorough consideration of the development of the Hispanic American Republics and their relation to the United States.

29. **History of Hispanic America.** Spring. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

Continuation of History 28. Emphasis on present day conditions and international relations.

Upper Division Courses

50. **Early Oriental History.** Autumn. M. W. F., 10:30. Three hours credit. Sperry.

A study of ancient civilizations including Egypt, Babylonia, Assyria, China, India, Arabia, Persia, the Hebrews, and other oriental races. The course is helpful to those especially interested in the Jewish scripture.

51, 52, 53. **History of the Hebrew Civilization.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit each quarter. Sperry.

A survey of the forces acting on the Hebrew commonwealth from earliest times. The message and present significance of the great creative personalities in Hebrew religious life will be especially emphasized. (See Religious Education 51, 52, 53.)

54. **Greek History.** Winter. M. W. F., 10:30. Three hours credit. R. B. Swensen.

A study of the social, cultural, economic, and political developments of the Greek people from the early heroic age down to Alexander. Major emphasis on phases of Greek culture which have influenced Western civilization.

57. **Roman History.** Spring. M. W. F., 10:30. Three hours credit. R. B. Swensen.

A survey extending from the rise of the Republic to the reign of Justinian. Special consideration will be given to the economic, social, cultural, and political forces which brought about the growth and decline of the Empire.

62. **Medieval History.** Winter. M. W. F., 9:30. Three hours credit. Snow.

Studies covering the period 500-1250. The disintegration of the Roman Empire and the development of the Medieval church. Attention will be given to the origin of institutions in church and state.

63. **History of Europe, 1250-1556.** Spring. M. W. F., 9:30. Three hours credit. Snow.

The rise of cities and the growing power of the Third estate; the Renaissance and the Reformation; the influence of discovery, exploration, and cultural development.

70. **History of Europe, 1556-1776.** Autumn. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary ideas that challenged the traditional views in science, theology, economics, and politics, and a consideration of the conflicts resulting therefrom.

71. Europe, 1776-1878. Winter. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary movements in America and Europe; the American and French revolutions; the period of reaction and emergence of liberalism and nationalism. The period from 1848 to 1878 will be given special emphasis.

72. Europe since 1878. Spring. M. W. F., 2:30. Three hours credit. Snow.

A study of the spread of industrialism and the consequent imperialistic competition resulting in the World War. A concluding survey of international relations and the underlying forces that make for peace or war.

80. History of the American West. Autumn. M. W. F., 3:30. Three hours credit. Snow.

America the frontier of Europe. International rivalry for the Caribbean area; the Atlantic tide water and the Pacific Coast. Problems of the West to 1803.

81. History of the West. Winter. M. W. F., 3:30. Three hours credit. Snow.

The significance of the Frontier in the development of a distinctive Americanism; the West in national issues 1803-1861.

82. History of the West. Spring. M. W. F., 3:30. Three hours credit. Snow.

The development and colonization of the Trans-Mississippi, the Rocky Mountains, and the Pacific West 1803-1892. Special consideration will be given to the Mormon migration and the development of Utah.

95. American History to 1789. Autumn. 2:30. Two hours credit. Wilson.

A study of colonial institutions and the constitutional relations between the colonies and the mother country; constitutional theories and principles involved in the Revolution; formation of the federal constitution.

96. History of the United States from 1789 to 1861. Winter. 2:30. Two hours credit. Wilson.

A study of the organization of the new government; the problems of nationality and state rights; the problems involved in slavery and in the expansion of the nation.

97. History of the United States since 1861. Spring. 2:30. Two hours credit. Wilson.

An examination of the theory of secession; constitutional aspects of the war power; the problem of reconstruction; industrial and economic expansion, insular possessions, the World War and its after effects.

Graduate Courses

110. History of England, 1066-1485. A study of the rise of the bourgeoise and the evolution of Parliamentary supremacy.

111. History of England, 1485-1714. An intensive study of the evolution of cabinet government, or the Machine Age and its industrial and social consequences.

112. History of England, 1714-1934. Expansion and industrialism and the new economic doctrine of laissez-faire.

150. Early Oriental History. Problems of ancient civilizations.

151, 152, 153. History of Hebrew Civilization.

154. Grecian History. A study of important problems dealing with the development of Greek life and culture.

157. Roman History. Problems of agrarian reform and Roman imperialism.

162. Medieval History. The struggle between the empire and papacy, feudalism, monasticism, etc.

163. Medieval History. The growth of cities, rise of national monarchies, pre-reformation movement, etc.

170. **Modern History.** A new science and philosophy of the seventeenth and eighteenth centuries.

171. **Modern History.** The struggle between liberalism and conservatism in the nineteenth century.

172. **Modern History.** Some problems connected with the World War and intricate world relations since then.

180. **History of the West.** The West as a factor in international rivalry to 1763, and as a potential force in the American Revolution.

181. **History of the West.** The influence of the West in the opening of the Mississippi, the War of 1812, the American system, etc.

182. **History of the West.** The history of the Trans-Mississippi West, the Great Basin, etc.

195. **American History.** Problems of Colonial and Revolutionary history.

196. **American History.** Topics in the development of American political and historical institutions.

197. **History of the United States.** Problems in recent American constitutional history.

198. **Problems in Historical Research.**

200. **Research for Master's Thesis.**

HOME ECONOMICS

Professors Warnick, Elliott, Larsen; Miss Billings, Mrs. Barlow, Miss Johnson, Miss Booth.

It is advised that students of Home Economics take both major and minor in this department as this facilitates placement in teaching positions. Major or minor may be obtained in Clothing and Textiles, or Foods and Nutrition or Household Administration. Some Clothing and Textiles and Foods and Nutrition credits will be accepted toward a major in Household Administration. It is recommended that the prerequisites of courses be taken as listed. Household Administration 71 and Secondary Education 67 are required of students expecting teaching positions.

CLOTHING AND TEXTILES

Six approved hours of Foods and Nutrition and Household Administration may count towards a major in Clothing and Textiles.

Lower Division Courses

1 or 70. Clothing Selection and Construction. Autumn. M. T. W. Th., Sec. 1, 8:30. Sec. 2, 2:30. Three hours credit. Billings.

Fundamental principles of clothing selection and construction. Emphasis on the development of skills and the use of commercial patterns. Prerequisite or parallel: Art 21.

2 or 71. Clothing Design and Construction. Winter. 8:30 and 2:30. Three hours credit. Billings. Prerequisite 1 or 70.

Design and pattern blocking, with aim to develop freedom in design and modification of patterns.

3 or 72. Clothing Selection and Construction. Spring, 8:30 and 2:30. Three hours credit. Billings. Prerequisite: 1 and 2.

Problems in selection and construction; emphasis on textiles, textures and artistic dress.

5. Survey Course in Clothing Construction. Autumn, Winter, Spring. M. T. W. Th., 10:30. Two hours credit. Billings.

Introducing problems involved in selection and construction of personal clothing.

10. Dress Appreciation. Autumn. M. W. F., 1:30. Three hours credit. Billings.

A study of the economic and artistic problems involved in purchase of ready-to-wear clothing; fashion trends, clothing care, etc.

Upper Division Courses

50. Clothing Decoration. Autumn. M. T. W. Th., 9:30. Two hours credit. Elliott.

Planning and developing simple decorative stitches applicable to household and dress decoration. Articles of clothing applying these stitches will be made.

51. Practical Household Crafts. Winter. M. T. W. Th., 9:30. Two hours credit. Elliott.

The decorative stitchery given in course 50 is applied on clothing and articles used in the home.

52. Children's Clothing. Spring. M. T. W. Th., 9:30. Two hours credit. Elliott.

A consideration of design and construction of children's clothing suitable to various ages and types.

55. Advanced Garment Construction. Autumn. T. Th., 1:30. Two hours credit. Elliott.

Practice in renovating and remodeling. The principles of tailoring and applying the same to clothing.

56. Advanced Garment Construction. Winter. T. Th., 1:30. Two hours credit. Elliott.

Problems involved in the technique of dresses, coats, and suits. Emphasis will be placed on the tailoring of these articles.

57. Wardrobe Building. Spring. T. Th., 1:30. Two hours credit. Elliott.

Planning and designing dainty clothing for a college girl's wardrobe. Emphasis is put on the finishings of trimmings and material.

60, 61. **Textiles.** Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott. Prerequisite: Chemistry 3.

History of primitive and modern methods of manufacturing textile fibers. The construction and finish of fabric and factors of quality and cost.

62. **Economics of Clothing Selection.** Spring. T. Th., 10:30. Three hours credit. Elliott.

Open to all students. Field trips to stores and industries to study material are part of this course. Lectures by specialists. Textile buying emphasized.

65. **Historic Costume and Costume Design.** Winter. M. W. F., 1:30. Three hours credit. Billings. Prerequisite or parallel: Art 21 and 25.

Historic development of fashion and fashion trends. Costume for school entertainment.

Note: Art Appreciation and General or European History are important background courses.

66. **Costume Design.** Spring. M. W. F., 1:30. Three hours credit. Billings.

A study of art principles and their application to costume design for general and specific types. Emphasis on original design by use of historic and current source material. Prerequisites: Clothing, 1, 2, 3, 65; Art 21 or 25.

Graduate Courses

160, 161. **Textiles.** Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott.

162. **Economics of Clothing Selection.** Spring. T. Th., 10:30. Three hours credit. Elliott.

FOODS AND NUTRITION

Four approved hours of Clothing and Textiles or Household Administration may count toward a major in Foods and Nutrition. Majors in this department should also take Chemistry 3, 9, 54; Zoology 11; Botany 20 and 21.

These help to fill group requirements and are prerequisites for Foods and Nutrition 53.

Lower Division Courses

1. **Food Problems in the Home.** Autumn. T. Th., Lecture 2:30-3:30; Laboratory 3:30-5:30. Three hours credit. Johnson.

For girls not majoring in home economics who desire some experience in the planning, preparation, and serving of adequate, well-cooked family meals.

2. **Food Problems in the Home.** Winter. T. Th. Lecture, 2:30-3:30. Laboratory, 3:30-5:30. Three hours credit. Johnson.

A continuation of course 1. Planning a convenient kitchen; selection of kitchen equipment; preparation of luncheon dishes and the serving of luncheons at a limited cost.

3. **Food Problems in the Home.** Spring. M. W. Lecture, 2:30-3:30. Laboratory, 3:30-5:30. Three hours credit.

A continuation of course 2. Preparation of dinner dishes and the planning, preparing, and serving of same. Three hours credit. Johnson.

Note: Courses 1, 2, and 3 may be taken in order but there are no prerequisites for them.

4. **Cookery Problems.** Autumn. M. W. F. One lecture and two laboratory periods. 7:30-8:30. Two hours credit. Warnick.

For men desiring experience in simple meal preparation.

5. **Elementary Nutrition.** Winter. M. W. F., 10:30. Three hours credit. Barlow.

The nutritive properties of common foods and the essentials of an adequate diet, with special attention to the diet of students. Open to men and women. Required of minors in Foods and Nutrition.

10 or 70. Food Selection, Preparation, and Serving. Autumn. M. W. Lecture 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Special attention is given to experimental cookery. A balanced diet with emphasis upon breakfast and dishes suitable to be served at this meal is considered.

11 or 71. Food Selection, Preparation, and Serving. Winter. M. W., Lecture 2:30-3:30. Laboratory. Sec. 1, T. Th., 8:30-10:30; Sec 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Prerequisite: course 10. Special emphasis on different luncheon dishes. Various types of luncheons are served.

12 or 72. Food Selection. Preparation and Serving. Spring. M. W. Lecture, 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Prerequisite: course 11. Special emphasis is placed on family table service. Dishes and menus for different types of dinners are studied.

15 or 75. Food Economics. Autumn. T. Th., 10:30. Laboratory in form of field trips. Three hours credit. Barlow.

Food marketing and purchasing. Principles underlying selection of materials and supplies, markets, advertising, and brands with reference to public economy and conservation.

Upper Division Courses

50. Large Quantity Cookery and Marketing. Autumn, Winter, Spring. Daily. 10:30-1:30. Five hours credit. Johnson.

Experience in management of school cafeterias, quantity cookery, marketing, cafeteria accounts. Prerequisites or parallel courses 10, 11, 12. Limited to five students each quarter.

52. **Nutrition of Children.** Spring. M. W. F., 2:30. Three hours credit. Johnson.

Nutritional requirements and disorders of pregnancy, infancy, the pre-school and the school child.

53. **Nutrition.** Autumn. M. W. F., 9:30. Four hours credit. Barlow. Laboratory W. 2:30-5:30.

Prerequisites: Chemistry 3, 9, 34 and Foods and Nutrition 10, 11, 12. A study of the chemistry, digestion and metabolism of carbohydrates, fats, and proteins; the effect of food on health and growth.

54. **Dietetics. Winter.** M. W. F., 9:30. Laboratory W., 2:30-5:30. Four hours credit. Barlow.

Prerequisite: course 53. A study of minerals and their metabolism; vitamins and the deficiency diseases. The food requirements of the family and individual are considered.

55. **Nutrition in Disease.** Spring. M. W. F., 9:30. Laboratory, Wednesday 2:30-5:30. Four hours credit. Barlow.

Prerequisite: courses 53 and 54. This course deals with the value of food in maintaining health. Emphasis is placed on special diets for different diseases.

56. **Seminar in Nutrition.** Spring. T. Th., 10:30. Two hours credit. Barlow.

Required of all senior girls majoring in Foods and Nutrition.

57. **Advanced Problems in Cookery.** Winter. Time to be arranged. Two hours credit. Lecture and laboratory period. (Not given this year.)

58. **Experimental Animal Nutrition.** Open to seniors and graduates only. Prerequisite: 5 hours in organic or biochemistry and courses 53 and 54.

This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. (Not given this year.)

Graduate Courses

150. **Large Quantity Cooking and Marketing.** Autumn, Winter, Spring. Daily, 10:30-1:30. Five hours credit. Swensen.

153. **Nutrition.** Autumn. M. W. F., 9:30. Four hours credit. Laboratory. Th., 2:30-5:30. Barlow.

154. **Dietetics.** Winter. M. W. F., 9:30. Laboratory. Th., 2:30-5:30. Four hours credit. Barlow.

155. **Nutrition in Disease.** Spring. M. W. F., 9:30. Laboratory. Th., 2:30-5:30. Four hours credit. Barlow.

156. **Seminar in Nutrition.** Spring. T. Th., 10:30. Two hours credit. Barlow.

HOUSEHOLD ADMINISTRATION

Ten approved hours of Foods and Nutrition and Clothing and Textiles may count towards a major in this field.

Lower Division Courses

1. **Household Problems.** Autumn. T. Th., 9:30. Two hours credit. Warnick.

This course will present the most important problems in the organization and management of the household.

10. **Family Health.** Winter. T. Th., 8:30. Two hours credit. Warnick.

A consideration of factors underlying health; common communicable diseases and their treatment; home care of the sick.

Upper Division Courses

52, 53, 54. Interior Decoration. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Larsen. Prerequisites: Art 21, 28, 29. (See Art 90, 91, 92.)

60. Home Management. Spring. M. W. F., 8:30. Three hours credit. Warnick.

The study of the organization and management of the home, including home ideals, methods of work, division of time in the household and household tools.

61. Economics of the Household. Winter. M. W. F., 8:30. Three hours credit. Warnick.

A study of the family income and its expenditure. Prerequisite: Sociology 11 or Economics 1.

62. Family Relationships. Spring. M. W. F., 1:30. Three hours credit. Warnick.

The modern family, its function and structure; modern social conditions affecting its stability and pattern; responsibilities and contributions of members of the family. Open to men and women.

63. Standardization of Consumer's Goods. Winter. M. W. F., 1:30. Three hours credit. Warnick.

Considers the position of the consumer-buyer today; the nature of standards and standardization; the process, and present status of standardization.

64. Housing Problems of the Modern Family. Autumn. M. W. F., 8:30. Three hours credit. Warnick.

This course will aim to present and discuss problems facing the homemaker today in the selection of shelter for the family.

65. Equipment. Spring. M. W. F., 10:30. Three hours credit. Barlow.

A study of electrical and non-electrical equipment for the home. Fundamental factors determining selection and use.

66. Home Laundry. Autumn. T. Th., 8:30. Two hours credit. Warnick. (Not given this year.)

Location of and equipment of the home laundry. Supplies and methods. Treatment of various textiles. Costs.

70. **Vocational Survey of Field of Home Economics.** Autumn. F., 3:30. One hour credit.

Members of Home Economics Faculty.

Vocational opportunities for the home economics trained women are investigated and discussed. Required of all junior students, also seniors who have not previously had the course.

71. **Methods of Teaching Home Economics.** Spring. T. Th., 7:30. Two hours credit. Booth.

The historical development, growth; present scope and trend; objectives of home economics education; its organization and relation to the present educational set-up.

72. **Methods of Teaching Home Economics.** Autumn. T. Th., 7:30. Two hours credit. Booth.

Teaching methods as applied to home economics curriculum content; equipment and teaching facilities; laboratory arrangement and management.

73. **Seminar.** Spring. Th., 8:30. One hour credit. For all senior majors. Warnick.

78. **Psychology of Childhood and Adolescence.** Winter. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 72.)

79. **Mental Hygiene.** Autumn. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 71.)

80. **Child Care.** Autumn. M. W. F., 2:30. Three hours credit. Johnson.

Problems of parental and infant care; physical and mental standards of development; general care and hygiene of mother and child.

81. **Child Development.** Winter. M. W. F., 2:30. Three hours credit. Johnson.

Habit formation and behavior problems of the infant and pre-school child; home influence in the care and training of children; mental hygiene, observation of children in the home.

82. **Seminar in Child Development.** Spring. T., 8:30. One hour credit. Warnick.

Graduate Courses

160. **Home Management.** Spring. M. W. F., 8:30. Three hours credit. Warnick.

161. **Economics of the Household.** Winter. M. W. F., 8:30. Three hours credit. Warnick.

164. **Housing Problems of the Family.** Autumn. M. W. F., 8:30. Three hours credit. Warnick.

173. **Seminar.** Spring. Th., 8:30. One hour credit. Warnick.

180. **Child Care.** M. W. F., 2:30. Three hours credit. Warnick.

181. **Child Development.** Winter. M. W. F., 2:30. Three hours credit. Warnick.

182. **Seminar in Child Development.** Spring, 8:30. One hour credit. Warnick.

HORTICULTURE

Assistant Professor Shaw; Professor Morris.

Students majoring in Horticulture are required to take the following courses: 1, 2, 3, 8, 10, 53, 59, and 80.

Lower Division Courses

1. **Principles of Pomology.** Autumn. M. W. F., 8:30. Three hours credit. Shaw.

The principles underlying profitable orchard management. History of orcharding, methods of planting, selection of locations and sites, marketing, storage, harvesting, thinning, proper care of trees.

2. **Elements of Vegetable Production.** Autumn. M. W., 8:30. Three hours credit. Shaw.

Fundamental principles underlying the production of vegetable crops.

3. **Plant Propagation.** Winter. T. Th., 9:30. Laboratory W., 2:30-5:30. Three hours credit. Shaw.

Sexual and asexual means of propagation studied. Spores, seeds, grafting, budding, cutting, layering, separation.

4, 5, 6. **Ornamental Herbaceous Plant Materials.** Autumn, Winter, Spring. T., 1:30. One hour credit each quarter. Morris.

Annual and perennial flowering plants used in landscape design will be studied. Cultural methods, and insects and disease pests of each will be also considered.

7. **Small Fruits.** Spring. W. F., 9:30. Three hours credit. Shaw.

A study of varieties, propagation, cultural methods, pruning, training, insect and disease control, and harvesting of small fruits.

8. **Ornamental Woody Plant Materials.** Autumn. T. Th.,

8:30; Laboratory 2:30-5:30. Three hours credit. Morris.

Ornamental shrubs and trees used in landscape design will be studied. The student will learn to identify a large number, and also to control various pests that attack them.

9. **Ornamental Woody Plant Materials.** Spring. T. Th., 8:30; Laboratory 2:30-5:30. Three hours credit. Morris.

This course is a continuation of Horticulture 8.

10. **Theory and Practice of Landscape Design.** Spring. T. Th., 9:30. Laboratory T., 2:30-5:30. Three hours credit. Morris (see Landscape Architecture 10.)

32. **Marketing Fruits and Vegetables.** Spring. M. W. F., 8:30. Three hours credit. Shaw.

Problems dealing with the transportation, marketing and storage of fruits and vegetables. Particular emphasis will be placed upon marketing methods and specific marketing problems.

Upper Division Courses

51. **Origin and History of Cultivated Plants.** Winter. T. Th., 8:30. Two hours credit. Morris.

Study of origin of species and varieties. Changes and adaption of plants. Interesting historical facts of plants.

52. **Systematic Pomology.** Autumn. T. Th., 1:30. Laboratory F., 2:30-5:30. Two or three hours credit. Shaw.

Emphasis placed on the identification, description, and nomenclature of fruits and fruit trees.

53. **Fundamentals of Fruit Production.** Spring. M. W. F., 1:30. Three hours credit. Shaw.

A technical course based upon plant physiology and morphology as applied to fruit production. Prerequisites: Agronomy 41, Botany 60, and Chemistry 9 or equivalent.

54. **Truck Gardening.** Autumn. T. Th., 2:30. Two hours credit. Shaw. (Not given this year.)

A study of large scale production for canning factories, special and general markets.

55. **Practical Problems in Horticulture.** Spring. Laboratory course. Time to be arranged. One hour credit. Shaw.

A study of horticultural problems in Utah. Orchards and plantations will be visited and studied.

59. **Plant Breeding.** Winter. M. W. F., 1:30. Three hours credit. Morris. (See Agronomy 59.)

A study of plant genetics in relation to improvement of plants. Methods of hybridizing and selection as practiced in Europe and America. Prerequisite: Genetics (given in Zoology and Botany departments.)

80. **Advanced Vegetable Physiology.** Winter. M. W. F., 2:30. Three hours credit. Shaw.

Ecological and physiological factors underlying the production, preparation for market, and storage of vegetable crops. Prerequisites: Agronomy 41, Botany 60 and Chemistry 9 or equivalent.

91, 92, 93. **Seminar. Autumn,** Winter, Spring. One hour credit each quarter. Time to be arranged.

A study of the research work being done at the various experiment stations. For seniors majoring in Horticulture.

Graduate Courses

102. **Research.** Time and credit to be arranged.

Students who are qualified are required to do some horticultural research problems.

120. **Methods in Biological Research.** Winter. T. Th., 2:30. Two hours credit. Shaw.

Analysis of research methods, field plot technique and organization and prosecution of **a thesis.**

153. **Advanced Fruit Production.**

180. **Advanced Vegetable Physiology.**

LANDSCAPE ARCHITECTURE

Professor Morris; Assistant Professors Shaw, Snell.

Lower Division Courses

1. **History of Landscape Architecture.** Winter. M. W. F., 8:30. Three hours credit. Morris.

Contributions of various civilizations from ancient Egypt to the present will be discussed. Emphasis on Italian Renaissance, English, French, and American styles.

2. **Elements of Drawing.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell. (See Drawing 2.)

3. **Plant Propagation.** Winter. T. Th., 9:30. Laboratory W., 2:30-5:30. Three hours credit. Shaw. (See Horticulture 3.)

4, 5. **Ornamental Herbaceous Plant Materials.** Autumn and Winter. T., 1:30. One hour credit each quarter. Morris. (See Horticulture 4, 5.)

6. **Ornamental Herbaceous Plant Materials.** Spring. T. Th., 1:30. Two hours credit. Morris. (See Horticulture 6.)

8, 9. **Ornamental Woody Plant Materials.** Autumn and Spring. T. Th., 8:30. Lab. T., 2:30 to 5:30. Three hours credit each quarter. Morris. (See Horticulture 8 and 9.) (Not given this year.)

10. **Landscape Architectural Drawing.** Autumn. T. Th., 2:30-5:30. Two hours credit. Morris.

The pictorial representation of landscape features, including perspective, light and shade and lettering.

20. **Theory and Practice of Landscape Architecture.** Spring. T. Th., 9:30. Laboratory T., 2:30-5:30. Morris.

A general course for students not majoring in landscape architecture. Home grounds are the chief consideration of the course.

21. **Theory of Design.** Autumn. M. W. F., 8:30. Three hours credit. Morris.

Principles of design and composition as applied to landscape architecture. Unity, harmony, balance, repetition, etc. A foundation to all courses in landscape architecture.

24. **Landscape Design.** Winter. M. W. F., 2:30-5:30. Three hours credit. Morris.

The design of gardens and private grounds on flat surfaces. A fundamental course to all landscape design. (Prerequisite: course 21.)

25. **Landscape Design.** Spring. M. W. F. Three hours credit. Morris.

Designing land surfaces to fit the setting. Private and public grounds considered. (Prerequisite: course 24.)

Upper Division Courses

51. **Planting Design.** Winter. Th. F., 2:30-5:30. Two hours credit. Morris.

Planting plans for gardens and grounds studied in 23, 24, 25 will be made. Plant compositions emphasized. Prerequisite courses: 4, 5, 6, 8, 9, and 23.

52. **City Planning.** Winter. T. Th., 10:30. Two hours credit. Morris.

The history of various types of city plans; advantages and disadvantages. Emphasis on Salt Lake City, Washington, D. C., and Paris. The small city studied.

60, 61, 62. **Architectural Design.** Autumn, Winter, Spring. T., 2:30-5:30. One hour credit each quarter. Morris.

Designs of such architectural features as used in the landscape will be studied and made by students. Pergolas, arbors, retaining walls, garden houses, etc.

70. **Landscape Engineering.** Autumn. T. Th., 9:30. Laboratory Th., 2:30-5:30. Three hours credit. Morris.

Grades and grading as applied to land surfaces, roads and walks form the major part of the course. Simple structures also considered. Prerequisite: Surveying.

80, 81, 82. Advanced Landscape Design. Autumn, Winter, Spring. M. W., 2:30-5:30. Two hours credit each quarter. Morris.

The design of private and public grounds in relation to topography and natural features studied. Units of design will largely be determined by landshapes and surfaces. Prerequisites: Courses 21, 24, 25, and 70.

90. Modeling. Winter. T. Th., 9:30. Two hours credit. Morris.

Landscape units modeled in miniature with plastelene, artificial trees, shrubs, grass, etc. This is a means of visualizing landscape compositions and topography.

Graduate Courses

101. Special Problems in Design. Autumn, Winter, Spring. Time and credit to be arranged. Morris.

This is a continuation of lower and advanced courses in design. It will be necessary for students who take this course to reside in Los Angeles for at least one month.

151. Planting Design.

170. Landscape Engineering.

180, 181, 182. Advanced Landscape Design.

LIBRARY

Miss Ollorton, Mrs. Gillespie, and Mrs. Brown.

11. Use of Books and Libraries. Autumn, Winter, or Spring. Th., 3:30. One hour credit.

The purpose of this course is to help students to become efficient in using books and libraries. The use of reference books and an understanding of the card catalog will receive special emphasis.

MATHEMATICS

Professors Eyring, Marshall; Associate Professor Hales.

Students who major in Mathematics have the following courses prescribed: Mathematics 11, 12, 49, 50, 51, 52, 71, 72.

Lower Division Courses

11. **College Algebra. Autumn.** Daily. Sec. 1, 8:30; Sec. 2, 2:30. . Five hours credit. Eyring and Marshall.

A study of fractions, exponents and radicals, quadratic equations, logarithms, elementary series, determinants, etc.

12. **Plane Trigonometry.** Winter. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Marshall and Hales.

13. **Graphical and Statistical Methods.** Spring. Daily, 9:30. Five hours credit. (Not given this year.)

The graphical representation of data, method of averages, measurement of variability, correlation, probable errors, etc.

35. **Mathematical Theory of Investments.** Spring. M. W. F., 2:30. Three hours credit. Eyring. (See Accounting and Business Administration 56.)

Application of Algebra to general business problems, such as annuities, amortization, capitalization, depreciation, sinking fund, bond values and building and loan associations.

49. **Analytic Geometry.** Spring. Daily, 8:30. Five hours credit. Eyring.

A study of rectangular co-ordinates, straight line, circle, parabola, ellipse, hyperbola, transfer of co-ordinates, etc. Prerequisites: Mathematics 11 and 12.

Upper Division Courses

50. **Differential Calculus.** Autumn. M. T. W. Th., 9:30. Four hours credit. Marshall.

An introductory course with numerous applications of the principles to tracing of curves, and the solution of problems from geometry and mechanics. Prerequisite: Mathematics 49.

51. **Integral Calculus.** Winter. M. T. W. Th., 9:30. Four hours credit. Marshall.

The purpose and nature of integration is developed. Principles applied to problems in geometry, mechanics, and physics.

52. **Advanced Calculus.** Spring. M. T. W. Th., 9:30. Four hours credit. Marshall.

Development of the definite integral as a sum, together with development of the more theoretical aspects of the differential calculus.

71. **Differential Equations.** Autumn. M. W. F., 9:30. Three hours credit. Eyring

Differential equations of the first order, linear differential equations, total and partial differential equations with numerous applications to physics. Junior or senior year. Prerequisite: Mathematics 52.

72. **Differential Equations.** Winter. M. W. F., 9:30. Three hours credit. Eyring. Continuation of 71.

81. **Theoretical Mechanics.** Autumn. M. W. F., 10:30. Three hours credit. Marshall.

Fundamental principles of mechanics and their applications to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

82. **Dynamics.** Winter. M. W. F., 10:30. Three hours credit. Marshall.

The application of d'Alembert's principle, generalized coordinates, the Lagrangian and canonical equations, Hamilton's principle, etc. Prerequisites: Mathematics 71, 72, 81.

Graduate Courses

101. **Vector Analysis.** Winter. M. W. F. Three hours credit. Marshall. (Not given this year.)

Fundamental operations of vector analysis.

102. Vector Analysis. Spring. M. W. F. Three hours credit. Marshall. (Not given this year.)

Application of vector analysis to mechanics, electromagnetic theory, and other branches of mathematical physics.

105. Advanced Calculus. Autumn. Daily, 2:30. Five hours credit. Marshall.

A review of the fundamental theory of the calculus presented with a view to precision of statement and accuracy of proof. Prerequisite: Mathematics 72.

106. Advanced Calculus. Winter. Daily, 2:30. Five hours credit. Marshall.

Theory of differential equations, study of simple integrals, multiple integrals, and infinite integrals.

107. Advanced Calculus. Spring. Daily, 2:30. Five hours credit. Marshall.

Study of some classes of functions defined by integrals; introduction to calculus of variations, and theory of functions.

Note: Courses 105, 106, and 107 will follow an outline somewhat as given in Wood's "Advanced Calculus."

171. Differential Equations. Autumn. M. W. F., 9:30. Three hours credit. Eyring

172. Differential Equations. Autumn. M. W. F., 9:30. Three hours credit. Eyring.

192. Readings in Mathematics. Credit, one to three hours, depending on the work done. Marshall.

200. Thesis in Mathematics. Credit to be arranged.

MECHANIC ARTS

Assistant Professor Snell; Professors Hansen, Eastmond, Larsen; Mr. Bigelow.

For mechanic arts teachers, it is advised that both major and minor be taken in this department.

Credit in shop courses in Mechanics is given on the basis of three hours for nine hours application each week during the quarter.

MECHANICS

Lower Division Courses

1. **Art Metal Work.** Winter. M. W. F. Two hours credit. Eastmond and Larsen. (See Art 35.)

2. **Art Leather Work.** Spring. M. W. F. Two hours credit. Eastmond and Larsen. (See Art 36.)

4. **Shop Practice.** Autumn. Daily, 1:30-3:30. Three hours credit. Snell.

The making of projects suitable for junior and senior high school instruction in sheet metal, cold iron, and electrical lighting circuits, buzzers, bells, heating elements, etc.

5. **Ornamental Iron Work.** Autumn. T. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Craftsmanship in wrought iron work. Designing, cutting, sawing, bending, drilling, tapping, threading, finishing, etc. Lectures and outside preparation.

6. **General Construction.** Autumn, Winter, Spring. Daily, 1:30-3:30 or 3:30-5:30. Three hours credit. Snell.

Review of tool processes and tool sharpening, survey of common building materials, billing and ordering, cement forming and framing applied in simple structures.

7. **Tool Technique.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Required of all mechanics majors. Sharpening, care and use of woodworking hand tools, applied in fundamental principles of sawing, joining, fitting, fastening, etc.

11. **Elementary Auto Mechanics.** Autumn. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction of the automobile and an elementary study of the principles involved. Lubrication, assembling and repairing of brakes, rear axles, transmission systems and engines.

12. **Elementary Auto Mechanics.** Winter. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction and adjustment of carburetors and ignition system.

13. **Elementary Auto Mechanics.** Spring. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Ignition, timing, "trouble shooting," battery work and starting and lighting systems.

17. **Wood Turning.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Exercises and projects in wood turning executed through individual designs.

18. **Pattern Making.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

The principles of pattern making are taught through the making of simple patterns for machine parts.

19. **Wood and Metal Finishing.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Preparation of surfaces for the application of finishes. Staining, painting, varnishing, lacquering, polishing, etc. Use of the brush and air gun.

21. **Upholstering and Seat Weaving.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Typical forms of upholstery, including foundations with and without springs. Seat and panel weaving with cane and fiber.

23. **Cement.** Spring. M. T. W. Th., 3:30-5:30. Three hours credit. Snell.

Cement, mixes, tests, forming, finishing, etc, in structural and ornamental projects.

27. **Cabinet Construction.** Autumn. M. T. W. Th., 1:30-3:30, 3:30-5:30. Two or three hours credit. Snell.

Drawings are submitted and the article is made to conform to these. Woods commonly used in cabinet work are studied as to their adaptability and finishing qualities; veneering, inlaying and polishing.

28. **Cabinet Construction.** Winter. M. T. W. Th. Snell. Continuation of 27.

29. **Cabinet Construction.** Spring. M. W. F., 1:30-3:30. Snell.

Continuation of 28.

Upper Division Courses

51. **Ignition.** Autumn. Daily, 3:30-5:30. Two or three hours credit. Bigelow.

Battery, vibrator, and magneto ignition. Study and practice of the principles involved in testing for troubles and making adjustments.

52. **Generators and Starting Motors.** Winter. Bigelow. Hours and credits as in 51.

The working principles of the dynamo, and testing for shorts and open circuits. Reverse current cutouts, types of generator regulation as third brush control systems and generator output.

53. **Machine Work and Welding.** Spring. Bigelow. Hours and credit the same as in 51.

Drill-press, lathe, and planer work. Principles of cutting tools, forging and tool sharpening. The use of the torch in cutting and welding.

57. **Standard Construction Methods.** Autumn. M. W. F., 8:30. Three hours credit. Snell.

This course deals with the theoretical side of building. Location, soil conditions, footings, materials, equipment, etc.

58. **Carpentry.** Autumn, Winter, Spring. M. T. W. Th., 3:30-5:30. Three hours credit. Snell.

Thorough drill in saw filing. Tool practice applied in practical problems. Fitting and hanging of doors and windows, built-in cabinets, stair construction and framing. Prerequisite: Course 7, and Drawing 13.

59. **Estimating.** Spring. M. W. F., 8:30. Three hours credit. Snell.

Interpretation of plans and specifications. Methods of estimating and figuring costs of material and labor. Permits, contracts, liens. Prerequisite: Drawing 13.

64. **Mill Work—Woodworking Machinery.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Work will be handled as nearly as possible as in actual practice. Estimates and working drawings will be made and a careful check of material and labor kept and computed for each job.

65, 66, 67. **Shop Work.** Autumn, Winter, Spring. Two or three hours credit. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Snell. Prerequisites: Courses 57, 58, 59, or their equivalents.

Advanced work, consisting of the erection of buildings, cabinet work, upholstery, pattern work, or novelty work.

DRAWING

While courses are listed according to quarters, any course may be taken any quarter, provided prerequisites have been met.

Lower Division Courses

1. **Theory and Practice of Design.** Autumn. M. W. F., 1:30. Two hours credit. Eastmond and Larsen. (See Art 21.)

2. **Elements of Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

   This course is designed to give facility in lettering, drawing of simple working drawings, charts, graphs, making sketches and reading drawings. (See Accounting and Business Administration 10.)

3. **Free-hand Lettering.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

   Practice in lettering as applied in architectural and engineering office work.

4. **Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two or three hours credit. Snell.

   The care and use of instruments, lettering, applied geometry, and orthographic projection.

5. **Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two or three hours credit. Snell.

   Pictorial representation, developed surfaces, intersections, and working drawings. Prerequisite: Drawing 4 or equivalent.

6. **Descriptive Geometry.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two or three hours credit. Snell.

   A study of the principles relating to the point, line plane, cylinder, cone and double-curved surfaces of revolution, with application to practical problems. Prerequisites: Drawing 4 and 5.

8. **Elementary Machine Design.** Autumn. Daily, 9:30 or 10:30. Two hours credit. Snell.

Drawing of machine fastenings, such as bolts, screws, rivets, keys, etc. Dimensionings, working drawings and technical sketching. Detail and blueprints. Prerequisites: Drawing 4, 5, 6.

9. **Elementary Machine Design.** Winter. Daily, 9:30 or 10:30. Two hours credit.

Continuation of 8.

10. **Shades and Shadows.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Planned to give fundamental knowledge necessary for casting shadows in architectural design.

11. **Instrumental Perspective.** Autumn, Winter, or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

The theory and application of methods of drawing architectural perspectives. Prerequisites: Drawing 4, 5 and 6, or equivalent.

12. **Rendering.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Wash rendering practice plates and rendering of architectural elements.

13. **Architectural Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Drawing of plans, elevations, and details of different types of buildings. Tracing and blue-printing. Prerequisites: Drawing 4, 5 and 6, or equivalent.

4. **Architectural Drawing.** Winter. Daily, 9:30 or 10:30. Two hours credit.

Continuation of 13.

15. **Architectural Drawing.** Spring. Daily, 9:30 or 10:30. Two hours credit.

Continuation of 14.

16, 17, 18. **Architectural Design.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Extra laboratory period arranged any afternoon. Two or three hours credit each quarter. Snell.

A series of order problems involving the study of the principles of composition. Problems similar to Class B Analytiques of the Beaux-Arts Institute of Design will be followed. Prerequisites: Drawing 6, 10, 11, 12.

19. **Topographical Drawing.** Autumn, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practical elementary work in topographical drawing. Mapping and plotting from field notes. Prerequisites: Drawing 4, 5 and 6.

Upper Division Courses

51, 52, 53. **Architectural Design.** Autumn, Winter, Spring. Daily, 9:30-10:30. Extra laboratory periods arranged any afternoon. Three hours credit each quarter. Snell.

Designing, rendering, detailing, tracing, and blueprinting. A complete set of plans with one display drawing each quarter. Prerequisites: Drawing 16, 17 and 18.

ENGINEERING

Drawing 4, 5, 6, and Mechanics 7, 18, 51, 52, 53, 57, 59 are required of all pre-engineering students.

Lower Division Courses

1, 3. **Elementary Surveying.** Autumn and Spring. M. W. F., 3:30. Three hours credit each quarter. Prerequisites: Trigonometry and Drawing 4, 5, 6.

Methods of using the compass, tape, level and transit in making plain surveys, differential leveling, profile and cross-section work, curves, grades, computation, and platting.

Upper Division Courses

63. **Irrigation and Drainage.** Autumn. M. W. F., 1:30. Three hours credit. (See Geology 63.)

91. **Economic Geology.** Spring. Daily, 10:30. Five hours credit. Hansen. (See Geology 91.)

94. **Plane Table Surveying.** Spring. M. W. F., 3:30. Two hours credit. Hansen and Snell. (See Geology 191 and Drawing 19.)

MODERN AND CLASSICAL LANGUAGES

Professors Cummings, De Jong; Associate Professor Sperry; Assistant Professor Swensen; Mrs. Roberts, Miss Black, Mr. Broadbent, Mr. Richardson.

Students who intend to complete a major in French, Spanish, or German are advised to offer two high school units of the chosen language. Two units of elementary Latin are recommended for those who intend to do graduate work in the department. Ample opportunity, however, is offered in college for this preliminary work. Baccalaureate majors are required to furnish in addition to courses 1, 2, 3 or their equivalent, which is about two units of high school credit, 54-56, 57-59, 61-63, 71-73, 81-83 and Phonetics 42. Students who complete a minor in one of the languages and expect to receive the departmental recommendation as teachers in the subject are advised to include courses 1, 3, 54-56, 57-59, 81-83, and Phonetics 42.

FRENCH

Lower Division Courses

1, 2, 3. Elementary French. Autumn, Winter, Spring. Daily, 9:30 and 1:30. Five hours credit each quarter. Roberts and Cummings.

Designed for those who have had no French. Pronunciation, reading, the fundamentals of grammar, and the building of a substantial reading vocabulary.

Upper Division Courses

23, 51, 52. Advanced French. Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Roberts. Prerequisite: French 2 or one unit of French in high school.

Review of grammar. Conversation and composition. Reading from the general field.

54, 55, 56. Advanced French. Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Roberts. Prerequisites: French 1, 2, 3 or two units of French in high school.

The various language skills, viz., reading, understanding, speaking and grammar.

57, 58, 59. **Advanced French Reading.** Autumn, Winter, Spring. 9:30. Two hours credit each quarter. Cummings. Prerequisites: French 56 or the consent of the instructor.

Reading extensive and intensive, with stress on vocabulary building, conversation and ear training.

61, 62, 63. **French Composition and Conversation.** Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Roberts. Prerequisite: Twenty-four hours of French or the consent of the instructor.

71, 72, 73. **Introduction to French Literature and Culture.** Autumn, Winter, Spring. M. W., 10:30. Two hours credit. Roberts. Prerequisite: Thirty hours of French or the consent of the instructor.

A general view of the literary periods, movements, and social background, with representative readings.

81. **Methods of Teaching Modern Languages.** Autumn, 8:30. T. Th. Two hours credit. Cummings. (See Secondary Education 65.)

Designed for language majors in their senior year and should follow work in principles of education and general methods.

82, 83. **French for Teachers.** Winter, Spring. T. Th., 2:30. Two hours credit. Cummings. (Not given this year.)

Problems of French pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the French language.

Graduate Courses

121, 122, 123. **French Novel from 1800 to the Present.** Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)

131, 132, 133. **French Drama from 1800 to the Present.** Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)

141. Corneille. Autumn. Time to be arranged. Two hours credit. Cummings. (Not given this year.)

142. Racine. Winter. Time to be arranged. Two hours credit. Cummings.

143. Moliere. Spring. Time to be arranged. Two hours credit. Cummings.

161, 162, 163. Advanced French Composition and Conversation. Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Cummings and Roberts.

171, 172, 173. French Literature of the Seventeenth, Eighteenth and Nineteenth Centuries. Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Roberts.

181. Methods of Teaching Modern Languages. Autumn. T. Th., 2:30. Two hours credit. Cummings.

182, 183. French for Teachers. Winter, Spring. T. Th., 1:30. Two hours credit. Cummings. (Not given this year.)

Problems of French pronunciation, grammar, versification, reading, etc. An introduction to the history of the French language.

200. Research for Master's Thesis.

SPANISH

Lower Division Courses

1, 2, 3. Elementary Spanish. Autumn, Winter, Spring. Daily, 3:30. Five hours credit each quarter.

Designed for those who have had no Spanish. Pronunciation, reading, and the fundamentals of grammar. Special emphasis on the building of a substantial reading vocabulary.

Upper Division Courses

54, 55, 56. Advanced Spanish. Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Richardson. Prerequisite: Spanish 3, or fifteen hours of Spanish or two units of Spanish in high school.

Comprehensive study of grammar. Conversation and composition based on reading. Reading from the general field.

57, 58, 59. **Advanced Spanish Reading.** Autumn, Winter, Spring. 2:30. Three hours credit each quarter. Richardson. Prerequisites: Spanish 56 or equivalent.

Reading extensive and intensive, with stress on vocabulary building.

61, 62, 63. **Spanish Composition and Conversation.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Cummings. Prerequisite: Twenty-four hours of Spanish. (Not given this year.)

71, 72, 73. **Introduction to Spanish Literature and Culture.** Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Cummings. Prerequisite: Thirty hours of Spanish or the consent of the instructor.

A general view of the literary periods, and movements, and social background, together with representative readings. (Not given this year.)

81. **Methods of Teaching Modern Languages.** Autumn. T. Th., 8:30. Two hours credit. Cummings. (See Secondary Education 65.)

Designed for language majors in their senior year and should follow work in principles of education and general methods.

82, 83. **Spanish for Teachers.** Winter, Spring. T. Th., 1:30. Two hours credit. Cummings. (Not given this year.)

Problems of Spanish pronunciation, grammar, reading, versification, etc. A brief introduction to the history of the Spanish language.

ITALIAN

Lower Division Courses

1, 2, 3. **Elementary Italian.** Autumn, Winter, Spring.

M. W. F., 8:30. Three hours credit each quarter. Cummings.

Introduction to the elements of grammar. Special attention to accurate pronunciation for the benefit especially of students of vocal music. Easy reading.

GERMAN

Lower Division Courses

1, 2, 3. Elementary German. Autumn, Winter, Spring. Daily, 8:30 and 9:30. Five hours credit. Broadbent and De Jong.

Designed for those who have had no German. Pronunciation, reading, and the fundamentals of grammar, the building up of a substantial reading vocabulary.

Upper Division Courses

54, 55, 56. Advanced German. Autumn, Winter, Spring. M. W. F., 8:30 and 3:30. Three hours credit each quarter. De Jong and Broadbent. Prerequisite: German 3 or fifteen hours of German, or two units of German in high school.

Comprehensive study of grammar. Conversation and composition. Reading from the general field.

57, 58, 59. Advanced German Reading. Autumn, Winter, Spring. T. Th., 8:30. Two hours credit each quarter. De Jong. Prerequisites: German 1, 2, 3 or their equivalent.

A companion series for series 54, 55, 56. Reading, extensive and intensive, with stress on vocabulary building, conversation and ear training.

61, 62, 63. German Composition and Conversation. Autumn, Winter, Spring. M. W., 3:30. Two hours credit each quarter. De Jong. Prerequisite: Twenty-four hours of German or the consent of the instructor.

71, 72, 73. Introduction to German Literature and Culture. Autumn, Winter, Spring. T. Th., 3:30. Two hours credit. De Jong. Prerequisite: Thirty hours of

German or the consent of the instructor.

A general view of the literary periods, movements, and social background, with representative readings.

81. **Methods of Teaching Modern Languages.** Autumn. T. Th., 8:30. Two hours credit. Cummings. (See Secondary Education 65.)

Designed for language majors in their senior year, should follow work in principles of education and general methods. Should be followed by 82, 83.

82, 83. **German for Teachers.** Winter, Spring. T. Th., 1:30. Two hours credit. De Jong.

Problems of German pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the German language.

Graduate Courses

At least 40 hours of undergraduate German are prerequisite to graduate credit in any graduate course to be applied toward a master's degree in German.

121, 122, 123. **German Novel from 1800 to the Present.** Two hours credit each quarter. De Jong. (Not given this year.)

131, 132, 133. **German Drama from 1800 to the Present.** Two hours credit each quarter. De Jong. (Not given this year.)

141. **Lessing.** Autumn. Time to be arranged. Two hours credit. De Jong.

142. **Schiller.** Winter. Time to be arranged. Two hours credit. De Jong.

143. **Goethe.** Spring. Time to be arranged. Two hours credit. De Jong.

144. **Kleist and Grillparzer.** Autumn. M., 4:30. Two hours credit. De Jong. (Not given this year.)

145. **Hebbel and Ludwig.** Winter. M., 4:30. Two hours credit. De Jong. (Not given this year.)

146. Hauptmann and Sudermann. Spring. M., 4:30. Two hours credit. De Jong. (Not given this year.)

161, 162, 163. Advanced German Composition and Conversation. Autumn, Winter and Spring. M. W., 3:30. Two hours credit each quarter. De Jong.

171, 172, 173. History of German Literature. Autumn, Winter, Spring. T. Th., 3:30. Two hours credit each quarter. De Jong.

181. Methods of Teaching Modern Languages. Autumn, T. Th., 8:30. Two hours credit. Cummings.

182, 183. German for Teachers. Winter, Spring. T. Th., 1:30. Two hours credit. De Jong.

Problems of German pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the German language.

200. Research for Master's Thesis.

LATIN

Lower Division Courses

1, 2, 3. Elementary Latin. Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. Black.

Designed for those who have had no Latin. Mastery of pronunciation, declensions and conjugations. Correlation of Latin originals with English derivatives. Graded reading. Characteristics of Roman civilization.

Upper Division Courses

51, 52, 53. Advanced Latin. Autumn, Winter, Spring. Daily, 2:30. Three hours credit each quarter. Black. Prerequisite: Latin 3 or two units of Latin in high school.

Comprehensive study of grammar. Composition. Reading from the classics.

GREEK

Lower Division Courses

1, 2, 3. Elementary Greek. Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Swensen.

Designed for those who have had no Greek. The fundamentals of Greek syntax, declensions, and conjugations. Readings in the Greek New Testament. Hellenistic culture and its literary productions.

Upper Division Courses

54, 55, 56. Advanced Greek. Autumn, Winter, Spring. Three hours credit each quarter. Swensen. Prerequisites: Greek 1, 2, 3 or the equivalent.
(Not given this year.)

Translation, readings from the Greek New Testament, Epictetus, and Xenophon. Comparison and contrast of the classical and Hellenistic literary and grammatical forms.

HEBREW

Upper Division Courses

51, 52, 53. Elementary Hebrew. Autumn, Winter, Spring. Daily, 1:30. Five hours credit each quarter. Sperry.

A beginning course. The elements of Hebrew grammar. Translation and simple composition.

54, 55, 56. Advanced Hebrew. Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Sperry.

Advanced grammar and readings from the books of Genesis, Deuteronomy, Samuel and Kings.

Graduate Courses

151, 152, 153. Beginning Hebrew. Autumn, Winter, Spring. Daily, 1:30. Five hours credit each quarter. Sperry.

The fundamentals of Hebrew grammar. Exercises in reading, translation and simple composition leading to ability to make clear interpretation of texts.

157, 158, 159. Readings from Hebrew Prophetic and Wisdom Books. Autumn, Winter, Spring. Hours to be arranged. Two hours credit each quarter. Sperry.

PHONETICS

Lower Division Course

42. Practical Phonetics. Autumn. T. Th., 1:30. Two hours credit. De Jong.

The elementary principles of speech mechanics in their relation to correct diction. This course correlates with courses in the Modern Languages, Speech, and Vocal Music.

MUSIC

Professors Robertson, De Jong, Condie; Associate Professor Sauer; Assistant Professor Hanson; Miss Summerhays, Mr. Nelson, Mr. Fitzroy, Mrs. Packard, Mr. Buggert Mr. Olsen, Mr. Keeler.

Those who major in the Department of Music must complete the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 61; 81; Piano, 3 hours; Vocal Culture, 3 hours; and Vocal or Instrumental Ensemble, 6 hours. Those preparing to teach should also take Theory of Music 41 and 91. These requirements are subject to change where conditions warrant individual consideration.

The work presented by those who minor in the Department of Music should include the following courses: Theory of Music 11, 12, 13; 21; 22; 31; 41; 91.

Private courses are indicated by -p. In the instrumental division, the letter immediately following the number indicates the instrument; e. g., 7 p-p means course 7, private piano; 3 t-p means course 3, private trombone, etc.

THEORY OF MUSIC

Lower Division Courses

11. Grammar of Music. Autumn. T. Th. Two hours credit. Condie.

12, 13. Solfeggio. Winter, Spring. T. Th. Two hours credit each quarter. Condie.

The study of intervals, diction, and sight-singing.

21, 22, 23. Harmony. Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Robertson.

Intervals; primary and secondary triads; dominant seventh and ninth chords, diminished seventh chords; open harmony.

31, 32, 33. Philosophy and Appreciation of Music. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Condie.

The important philosophies of music and musicians; the philosophy of the elements of music, musical structure, musical compositions, musical values.

41. **Public School Methods.** Autumn or Spring. M. W. F. Three hours credit. Hanson.

Special technique of instruction and material for the grades; class demonstrations and supervised teaching. Prerequisite: Theory of Music 11.

Upper Division Courses

61, 62, 63. **Solfeggio.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Condie.

Prerequisite: Theory of Music 11, 12, and 13. Training in advanced sight singing.

71, 72. **Harmony.** Autumn, Winter. M. W. F. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 21, 22, 23. Modulation; secondary seventh and altered chords; non-harmonic tones; modern harmony.

73. **Form and Analysis.** Spring. M. W. F. Three hours credit. Robertson.

Prerequisite: Theory of Music 72, or the equivalent. Study of musical form; harmonic analysis.

81, 82, 83. **History.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. ~~Madsen~~.

Alien musical systems, ancient and modern. Medieval and modern music.

91. **High School Methods.** Winter. T. Th. Two hours credit. Hanson.

Special technique of instruction and materials for the junior and senior high schools. This course should precede or accompany Secondary Education 54. (See Secondary Education 64.)

92, 93. **Counterpoint.** Autumn, Winter. T. Th. Two hours credit each quarter. (Not given this year.)

An elementary course in counterpoint.

94. **Composition.** Spring. T. Th. Two hours credit.

(Not given this year.)

An elementary course in composition in the smaller forms. Prerequisites: Theory of Music 73, 92, 93.

95. Instrumentation. Winter. T. Th. Two hours credit. Sauer.

A practical course for high school teachers and supervisors in arranging for band and orchestra.

Graduate Courses

121, 122, 123. Counterpoint. Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Prerequisites: Theory of Music 71, 72, 73. Strict and free counterpoint in the various species.

124, 125, 126. Canon and Fugue. Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Prerequisites: Theory of Music 121, 122, 123.

127, 128, 129. Instrumentation. Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 73. Study of orchestra instruments; arranging in solo, duet, trio, and quartet form; arranging for string and symphony orchestra.

171, 172, 173. Modal Counterpoint. Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 73. The contrapuntal system of Palestrina, Des Pres, and Lasso.

181, 182, 183. Composition. Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 73, and at least one quarter of 121 and 171.

200. Research for Master's Thesis. Credit to be arranged.

INSTRUMENTAL MUSIC

Lower Division Courses

1, 2, 3; 4, 5, 6. Band. Autumn, Winter, Spring. Daily. One hour credit each quarter, Sauer.

Admission by consent of director.

7, 8, 9; 10, 11, 12. Orchestra. Autumn, Winter, Spring. Daily. One hour credit ecah quarter. Robertson.

Admission by consent of director.

13, 14, 15; 16, 17, 18. String Ensemble. Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Robertson.

19, 20, 21; 22, 23, 24. Band Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Sauer.

1, 2, 3; 4, 5, 6p-p. Piano. Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.

7, 8, 9p-p. Piano Ensemble. Autumn, Winter, Spring. One hour credit each quarter. Nelson.

The fundamentals of ensemble playing. Four, six, and eight hand arrangements.

10p-p. Piano Pedagogy. Any quarter. One hour credit. Nelson, Hanson, Fitzroy.

Methods and problems of piano teaching in the elementary grades.

1, 2, 3; 4, 5, 6v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson, Olsen.

1, 2, 3; 4, 5, 6c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3b-p. Baritone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13b-p. Bassoon. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

21, 22, 23b-p. Bass (Tuba.) Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13; 14, 15, 16c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter, Sauer.

1, 2, 3d-p. Drums and Tympani. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3f-p. Flute. Autumn, Winter, Spring. One hour credit each quarter. Nelson.

11, 12, 13f-p. French Horn. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3o-p. Oboe. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13o-p. Organ. Autumn, Winter, Spring. One hour credit each quarter. De Jong, Keeler.

1, 2, 3; 4, 5, 6s-p. Saxophone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13s-p. String Bass. Autumn, Winter. Spring. One hour credit each quarter. Sauer, Buggert.

1, 2, 3; 4, 5, 6t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13v-p. Viola. Autumn, Winter, Spring. One hour credit each quarter. Robertson.

21, 22, 23; 24, 25, 26v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Upper Division Courses

51, 52, 53; 54, 55, 56. Concert Band. Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.

Admission by consent of the director. Standard overtures, operatic selections, and miscellaneous military band music.

57, 58, 59; 60, 61, 62. Symphony Orchestra. Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.

Admission by consent of director. Study of selections, overtures, symphonies, and accompaniments.

51, 52, 53; 54, 55, 56p-p. Piano. Autumn, Winter, Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.

63, 64, 65; 66, 67, 68. String Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Robertson.

69, 70, 71; 72, 73, 74. Band Ensemble. Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Sauer.

51, 52, 53; 54, 55, 56v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson, Olsen.

51, 52, 53; 54, 55, 56c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

61, 62, 63; 64, 65, 66c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

61, 62, 63; 64, 65, 66o-p. Organ. Autumn, Winter, Spring. De Jong, Keeler.

63p-p. Piano Pedagogy. Spring. One hour credit. Nelson.

Prerequisite: 10p-p. Methods and problems of piano teaching in the higher grades.

51, 52, 53t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

71, 72, 73; 74, 75, 76v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Graduate Courses

101, 102, 103-p. Instrumental. Autumn, Winter, Spring. One hour credit each quarter.

Advanced instruction on any of the standard instruments.

VOCAL MUSIC

Lower Division Courses

1, 2, 3; 4, 5, 6-p. Vocal Culture. Private or in groups. Autumn, Winter, Spring. One hour credit each quarter. Condie, Summerhays, Packard.

13, 14, 15; 16, 17, 18. Ladies Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Summerhays.

Open to inexperienced singers. This course also provides participation in Mixed Chorus.

13, 14, 15; 16, 17, 18. Male Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Condie.

Open to inexperienced singers. This course also provides participation in Mixed Chorus.

42. Phonetics. Autumn. T. Th., 1:30. Two hours credit. De Jong.

(See Phonetics 42 in Department of Modern and Classical Languages.)

Upper Division Courses

51, 52, 53; 54, 55, 56-p. Vocal Culture. Autumn, Winter, Spring. One hour credit each quarter. Condie, Summerhays, Packard.

63, 64, 65; 66, 67, 68. Ladies Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Summerhays.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

63, 64, 65; 66, 67, 68. Male Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Condie.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

Graduate Courses

111, 112, 113-p. Vocal Culture. Autumn, Winter, Spring. One hour credit each quarter.

Advanced instruction in vocal culture.

PHYSICAL EDUCATION

Professor Romney, Dr. Cullimore, Dr. Oaks, Dr. Merrill; Assistant Professors Hart, Jeppson; Mr. Dixon, Mrs. Aline Coleman Smith, Miss Ballif, Mr. Kimball

The purpose of the department is primarily to conserve the health and vitality of the students, to establish correct motor habits and to educate for wholesome and efficient living. To offset the undesirable effects of sedentary school life, vigorous activity in the form of games, gymnastics and competitive athletics are offered. Instruction is given in personal hygiene in connection with the exercise period so that the students may have a theoretical basis as a guide to correct living.

A thorough physical and medical examination will be given each new student upon entering the institution. All freshmen are required to take one credit hour of physical education of the physical activity variety in each of the three quarters. Also all students are required to take Physical Education 1 during their freshman year.

Upper classmen who are not taking physical education for credit are urged to engage in some form of physical exercise. Abundant opportunity is offered for participation in games, sports, hikes, gymnastics, athletics, and dancing.

All students whether enrolled in regular classes in physical education or on regular athletic squads are invited and urged to use the physical training and athletic facilities of the institution whenever they are available.

An extensive program of intramural sports for both men and women is sponsored and supervised by the department.

Students interested in intercollegiate athletic competition in any form will be given opportunity to try out for the athletic teams representing the University and in case they display sufficient ability to be chosen as members of these teams, they may substitute this work for the required activity courses in physical education.

The department also offers professional courses which are designed to prepare teachers and directors in physical education, directors of athletics, supervisors of dancing and leaders in play and other forms of social and recreational activities.

Students interested in play and recreation are referred to the following courses: Physical Education 7, 8, 9, 14, 15, 17, 18, 19, 21, 22, 24, 25, 26, 31, 42, 54, 71, 72, 73 and Religious Education 74, 75, 76.

Students interested in health education work are referred to Physical Education 1 (Personal Hygiene); 91 (General Kinesiology); 95 (First Aid in Athletic Training); Zoology 58 (Health Education for Teachers); Zoology 65 (Human Physiology); Foods and Nutrition 5 (Elementary Nutrition); Foods and Nutrition 53, 54, 55 (Nutrition, Dietetics, and Nutrition in Disease).

Major and Minor Requirements in Physical Education

Both men and women students majoring or minoring in Physical Education are required to take the following foundational courses:

Chemistry 1 or 4, Zoology 11 and 65, Psychology 11, 21, or 74, Botany (Bacteriology) 21, Sociology 11 or 61, Physics 11, and for those who wish to qualify for a teacher's certificate such courses in secondary education as will satisfy the State Board of Education.

In addition to the foregoing the following courses in the department of Physical Education are required:

In the Men's Department:
  Major requirements:
    Physical Education 7, 8, 9
    Physical Education 51, 52, 53
    Physical Education 71 or 72 or 73
    Physical Education 90, 91, 92
    Physical Education 93, 95, 96.

  Minor requirements:
    Physical Education 7, 8, 9
    Physical Education 51 or 52 or 53
    Physical Education 71 or 72 or 73
    Physical Education 90, 91, 92, 93.

In the Women's Department:
  Major requirements:
    Physical Education 7, 8, 9

Physical Education 54 or 55, 56
Physical Education 61, 62 or 63, 65
Physical Education 71 or 72 or 73
Physical Education 81 or 82 or 83
Physical Education 90, 91, 92
Physical Education 93, 95, 96.

Minor requirements:
Physical Education 7, 8, 9
Physical Education 41, 42
Physical Education 54 or 55
Physical Education 61, 73, 81
Physical Education 90, 91, 93

Lower Division Courses

1. **Personal Hygiene.** Autumn, Winter or Spring. T. Th., 1:30. One hour credit. Cullimore, Oaks, Merrill.

This course is required of all freshmen students. The course is designed to present in a popular manner problems concerning personal hygiene and proper health habits.

4, 5, 6. **Elementary Physical Education.** Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Women's sections at 10:30, 2:30. Men's sections 9:30; 10:30; 1:30 (Boxing); 2:30; 3:30.

This course is designed for freshmen. It will include games, and a variety of athletic and gymnastic activities.

7, 8, 9. **Advanced Physical Education.** Autumn, Winter, Spring. One hour credit each term. For men and women. Men's section. T. Th., 2:30 to 4:00. Hart and Kimball. Women's section. T. Th., 4:30 to 6:00. Jeppson. Prerequisite: 4 hours credit in freshman physical education.

This course will embrace instruction in more advanced types of physical education activities including gymnastics, apparatus activity, tumbling, pyramids, stunts, marching tactics and games.

14. Archery. Autumn. M. W. F., 9:30. 1 hour credit. For men and women. Ballif.

Emphasis will be placed on the following: equipment, technique, and methods.

15. Tumbling. Autumn, Winter, Spring. T. Th., 9:30, 10:30. One hour credit. For men. Hart.

15 Tumbling, Pyramid Building, and Stunts. Winter. M. W. F., 9:30. One hour credit. For women. Ballif.

Emphasis will be placed on the selection and care of equipment, technique of tumbling, balancing, pyramiding and demonstration programs.

16. Track and Field for Women. Spring. M. W. F. One hour credit, 9:30. Jeppson.

17. Boxing. Autumn, Winter, Spring. Daily, 1:30. One hour credit for three classes per week.

This course will consist of the theory and practice of boxing.

18. Wrestling. Fall, Winter. M. W. F., 4:30. One hour credit.

This course will consist of the theory and practice of wrestling.

19. Tennis. (Men and Women.) Spring. M. W. F., 9:30. One hour credit. Dixon and Ballif.

This course will consist of the theory and practice of tennis. Limited to number of students the courts will accommodate.

20. Golf. (Men and Women.) Spring. One hour credit. Provo Municipal Golf Course. Time to be arranged.

This course will consist of the theory and practice of golf under the personal supervision of professional instruction. A special fee is charged for this course. Students will be required to furnish their own equipment.

21, 22. Development Activities for Elementary Teachers. Winter, Spring. T. Th., 3:30. One hour credit each quarter. Jeppson. Especially designed for those preparing to teach in the elementary grades.

Emphasis will be given to Danish gymnastics, games. folk dancing, and rhythmical expressions.

23. **Basketball for Women.** Winter. M. W. F., 1:30. Jeppson.

A general course in basketball for women.

24. **Fencing.** Spring, 4:30. Three periods each week. One hour credit. Open to both men and women. (Not given this year.)

25. **Social Dancing.** Autumn, Winter. T. Th., 4:30 to 6:00. 1 hour credit. Open to Freshmen and Sophomore men and women only. (Credit in this course does not substitute for the Freshman gymnasium requirement.) Jeppson.

26, 27, 28. **Elementary Clog and Tap Dancing.** Autumn, Winter, Spring. T. Th., 9:30. One hour credit. Jeppson.

Suggested for women majoring or minoring in Physical Education.

31, 32, 33. **Elementary Creative Dancing.** Autumn, Winter, Spring. T. Th., 2:30. One hour credit each quarter. Smith.

Suggested for women majoring or minoring in Physical Education. This course will offer instruction in the fundamentals of grace and rhythm.

41. **Rhythms, Character and National Dancing.** Autumn. T. Th., 3:30. One hour credit. Smith.

Suggested for women majoring or minoring in Physical Education.

Fundamental rhythms, various character and national dances.

42. **Folk Dancing and Country Dances.** Winter. T. Th., 1:30. One hour credit. Jeppson, Smith.

This course will offer instruction in the various folk dances and country dances: Virginia Reel, Boston Fancy, etc.

Upper Division Courses

51. Athletic Coaching and Directing—Football. Autumn. Three periods each week. 2:30. Three hours credit. Romney, Kimball.

This course is designed to prepare students for the coaching of football. It will deal with the fundamentals of the game, methods of working out plays, systems of offense and defense, the conditioning of teams, etc.

52. Athletic Coaching and Directing—Basketball. Winter. Three periods each week. 2:30. Three hours credit. Romney.

This course is designed to prepare for the coaching of basketball. Students will be thoroughly instructed in fundamentals, offensive and defensive systems, schedule making, etc.

53. Athletic Coaching and Directing—Track and Field. Spring. Three periods a week. 2:30. Three hours credit. Romney.

This course will deal with the technique of track and field athletics and with the management of meets.

54. Athletics Coaching and Directing—Soccer, Field Hockey, Speedball and High-Low Ball. Autumn. M. W. F., 4:30. Two hours credit. Jeppson.

This course is designed to prepare students for coaching these activities. It will deal with methods, conducting of tournaments, and officiating.

55. Athletic Coaching and Directing—Basketball, Volley Ball, Field Ball. Winter. M. W. F. Two hours credit. Jeppson.

This course is designed to prepare students for coaching these activities. It will deal with methods, conducting of tournaments and officiating.

56. Athletic Coaching and Directing—Track and Field, Baseball, Badminton. Spring. M. W. F. Two hours credit. Jeppson.

This course is designed to prepare students for coaching these activities. It will deal with fundamentals, methods of conducting meets, games and tournaments, and officiating.

61, 62, 63. Advanced Creative Dancing. Autumn, Winter, Spring. T. Th., 8:30. One hour credit each quarter. Smith.

This course will offer instruction in fundamental dance technique, music visualization and principles of composition.

64. Material Summary (Dancing). Winter. T. Th., 5:30. One hour credit. Jeppson and Smith. Prerequisites: 41, 42, 61, 62, 81.

65. Problems of the Dance in Physical Education. Spring. T. Th., 7:30. Two hours credit. Smith.

Problems of the public performance, planning the program, organization, lighting, costumes, etc.

66. Dance Composition. Winter. T. Th., 9:30. Two hours credit. Smith.

Elements of composition, music, visualization, and history of dance forms.

71. Theory of Organized Play. Autumn. M. W. F., 8:30. Three hours credit. Jeppson.

The theory of organized play, including community centers, special activities, home recreation; play facilities such as layout of athletic fields, buildings, swimming pools; equipping the grounds and centers.

72. Organization and Administration of Play and Recreation. Winter. M. W. F., 8:30. Three hours credit. Jeppson.

The executive and administrative problems arising out of the conducting of a community-wide recreation program. Emphasis on park recreation problems, recreational finance, publicity problems, etc.

73. Play and Game Supervision. Spring. M. W. F., 8:30. Three hours credit. Jeppson.

A continuation of course 72.

81, 82, 83. **Advanced Clog and Tap Dancing.** Autumn, Winter, Spring. T. Th., 10:30. One hour credit each term. Jeppson.

81 and 82 will include a study of the various phases of tap dancing, fundamental steps, routines in order of difficulty, buck, jig, waltz, soft shoe, etc.; 83 will emphasize creative work by students.

90. **Principles of Physical Education.** Winter. M. W. F., 1:30. Three hours credit. Hart. Prerequisite: Zoology 65.

This course deals with underlying principles of physical education.

91. **General Kinesiology.** Autumn. M. W. F., 8:30. Three hours credit. Dixon. Prerequisite: Zoology 65.

The anatomy of the human body with emphasis upon the study of bones, joints, and the skeletal muscles. Athletic exercises will be studied with reference to their effect upon the body.

92. **Methods of Teaching Physical Education.** Autumn. T. Th., 8:30. Two hours credit. Hart. Prerequisites: Physical Education 90 and 91. (See Secondary Teaching 66.)

A study of various systems and methods of teaching physical education; content of the program in physical education, methods of commanding, directing, etc.

93. **Physical Education Administration.** Spring. M. W. F., 1:30. Three hours credit. Jeppson.

Organization and administration of departments of physical education and athletics in high school and college and the proper balancing of various activities associated with these departments. Prerequisites: Physical Education 72, 90, 92.

94. **Introduction to Achievement Tests in Physical Education.** Winter. M. W. F., 9:30. Three hours credit. Hart.

This course reviews the history of tests in physical education and also gives much consideration to the essential procedures used in evaluating tests and their results.

95. First Aid in Athletic Training. Autumn. M. W. F., 1:30. Two hours credit. Hart. Prerequisite: Zoology 65.

This course will consider the principles of first aid treatment of athletic injuries, massage, physiotherapy, bandaging and the essentials of conditioning athletes.

96. Adaptation of Activities in Corrective Procedure. Spring. M. W. F., 9:30. Three hours credit. Open to both men and women. Hart. Prerequisites: Zoology 65, Physical Education 91.

The variations of posture, the mechanics of balancing of the forces in the body, psychology of individual gymnastics, methods of stimulating interest in posture, and the selection and scope of corrective activities.

Graduate Courses

165. Problems in the Dance in Physical Education. Spring. T. Th., 5:30. Smith.

171. Theory of Organized Play. Autumn. M. W. F., 8:30. Three hours credit. Jeppson.

172. Organization and Administration of Play and Recreation. Winter. M. W. F., 8:30. Three hours credit. Jeppson.

173. Play and Game Supervision. Spring. M. W. F., 8:30. Three hours credit. Jeppson.

190. Principles of Physical Education. Winter. M. W. F., 8:30. Three hours credit. Hart. Prerequisites: Psychology 11 and Zoology 11 and 65.

193. Physical Education Administration. Autumn. M. W. F., 1:30. Three hours credit. Jeppson.

194. Introduction to Achievement Tests in Physical Education. Winter. M. W. F., 10:30. Three hours credit. Hart.

196. Adaptation of Activities in Corrective Procedure. Spring. M. W. F., 10:30. Three hours credit. Open to both men and women. Hart. Prerequisites: Psychology 11, Zoology 65, Physical Education 91.

200. Research in Physical Education. Time and credit to be arranged. Jeppson and Hart.

PHYSICS

Professors Eyring, Marshall; Associate Professor Hales; Mr. Johansen.

Students who expect to study Medicine, Engineering, Chemistry, or who are planning to major in the Department of Physics should begin their study of Physics by electing courses 41, 42 and 43 .

Non-science students may elect with profit courses 11, 16 and 26, which may be taken without prerequisite and which are organized with the view of giving the student an appreciation of his physical environment.

Students majoring in Physics have the following courses prescribed: Physics 41, 42, 43, 90, 91, 92, and some sequences such as Physics 73, 74, 75, 81, 82, 83, or 55, 66, 67, 81, 82, 83, or 55, 66, 67, 73, 74 ,75. In addition course 99 should be elected by students who plan to be high school teachers.

Lower Division Courses

11. A Survey Course in Physics. Autumn and Winter. M. T. W. Th., 10:30. Four hours credit. Eyring.

This is an orientation course designed for the non-science student who seeks information concerning the scientific interpretation of his physical environment.

16. Descriptive Astronomy. Spring. M. T. W. Th., 10:30. Four hours credit. Hales.

This course is designed for those wishing a general knowledge of the facts, theories, and methods of astronomy. Frequent use will be made of the University Observatory on University Hill.

26. Photography. Spring. Lecture, T. Th., 7:30. Laboratory time to be arranged. Three hours credit. Hales.

Lectures on the theory and art of photography; laboratory exercises in photographic manipulation, determination of the characteristics of photographic materials, color sensitivity, etc.

41. **General Physics. Mechanics and Sound.** Autumn. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30-3:30. Five hours credit. Hales.

Courses 41, 42 and 43 constitute a general college course in physics. This general course will satisfy the requirements in physics for engineering and medical students, and it is a prerequisite for all the specialized courses in physics.

42. **Electricity.** Winter. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30 to 3:30. Five hours credit Hales.

Continuation of 41.

43. **Heat and Light.** Spring. Lecture, M. W. F., 1:30. Laboratory, 1:30 to 3:30. Five hours credit.

Continuation of 42.

Upper Division Courses

55. **Atomic Physics.** Autumn. Lecture, M. T. Th. Fri., 8:30. Laboratory W., 8:30. Five hours credit. Hales. (Not given this year.)

A study of the structure of the atom as revealed by X-rays, radio activity, spectroscopy, and related subjects.

66, 67. **Electricity and Magnetism.** Winter, Spring. Lecture, T. Th. Fri., 2:30. Laboratory M. W., 2:30. Five hours credit each quarter. Marshall. (Not given this year.)

A study of electronics, the vacuum tube, and D. C. and A. C. circuit theory and measurements.

73. **Meterology.** Autumn. Lecture M. T. Th. Fri., 8:30. Laboratory W. Five hours credit. Hales.

The physics of the earth's atmosphere; a study of the causes which produce variations in the pressure, temperature, and humidity of the air and their influence upon weather and climate.

74. **Sound.** Winter. Lecture, M. T. Th. Fri., 8:30. Laboratory W. Five hours credit. Eyring.

Speech, hearing, sound transmission and radiation, and acoustics of auditoriums.

75. Experimental Optics. Spring. Lecture, M. W. F., 8:30. Laboratory: Time to be arranged. Five hours credit. Marshall.

During the first part of the course experiments outlined in Taylor's Manual of Optics will be performed, and during the last special work in the echelon and concave grating will be given.

81. Mechanics. Autumn. M. W. F., 10:30. Three hours credit. Marshall.

Fundamental principles of mechanics and their application to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

82. Dynamics. Winter. M. W. F., 10:30. Three hours credit. Marshall.

The application of d'Alembert's principle, generalized coordinates, the Lagrangian and canonical equations, Hamilton's principle, etc. Prerequisites: Physics 81 and Differential Equations.

83. Thermodynamics. Spring. M. W. F., 10:30. Three hours credit. Marshall.

A study of the laws of thermodynamics and their application to numerous physical and chemical phenomena.

87. Laboratory Arts. Autumn, Winter or Spring. T. Th., 3:30-6:30. Two hours credit. Marshall and Hales. (Not given this year.)

Glass blowing, frilling, grinding and polishing; hard and soft soldering; silvering glass; and other processes connected with the construction and use of apparatus in physical laboratory.

90, 91, 92. Seminar. Autumn, Winter, Spring. One hour credit each quarter. Time to be arranged. Eyring, Marshall, Hales.

A survey of physical theories and topics in modern research. A course for seniors in which the student is aided to integrate the specialized courses.

95. **Readings in Modern Physics.** Credit 1 to 3 hours, depending on the work done. Eyring, Marshall, or Hales.

A reading course designed to acquaint the student with new material which may not have been included in the regular courses.

99. **Teaching of Physics.** Autumn. M. W., 3:30. Two hours credit. Johansen.

Graduate Courses

101, 102, 103. **Introduction to Modern Physics.** Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. Eyring. (Not given this year.)

A study of modern physics, including such topics as quantum theory, spectroscopy, and atomic structure, etc.

105, 106, 107. **Introduction to Theoretical Physics.** Autumn, Winter, Spring. Daily, 10:30. Five hours credit each quarter. Hales.

An introductory study of the mathematical basis and development of the fundamental laws and theories of physics.

110, 111, 112. **Classical Experiments.** Each course two hours credit. Eyring, Marshall, Hales.

190, 191, 192. **Seminar.** Autumn, Winter, Spring. Time to be arranged. One hour credit each quarter. Eyring, Marshall, Hales.

195. **Readings in Modern Physics.** Credit, one to three hours, depending upon amount of work done. Eyring, Marshall and Hales.

200. **Thesis in Physics.** Credit to be arranged.

POLITICAL SCIENCE

Professors Snow, Miller; Associate Professor Sperry; Assistant Professor Swenson; Mr. Wilson.

Requirements for a Major in Political Science: Students must present a minimum of fifteen hours of upper division credit in Political Science. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

1. **A Survey Course in Political Science.** Autumn. Daily, 10:30. Five hours credit. Wilson.

A comparative study of the origin and development of government, its forms and organization, problems of administration and popular control, international relations and world politics.

10. **National Government of the United States.** Winter. M. W. F., 10:30. Three hours credit. Wilson.

The historical development of the American Government; origin and growth of the Constitution; constitutional rights of the citizens; a detailed study of the executive, legislative, and judicial department of the national government.

11. **State and Local Government in the United States.** Spring. M. W. F., 10:30. Three hours credit. Wilson.

The nature of federal government; the evolution of states from territories; place of the states in the nation; a study of the executive, legislative, and judicial branches of state government.

21. **Problems of Citizenship.** Autumn. T. Th., 9:30. Two hours credit. Wilson.

A study of fundamental, political, social, economic, and international problems which make for intelligent citizenship

43. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Miller. (See Finance and Banking 43.)

Fundamental legal principles and institutions; the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property.

44. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Miller. (See Finance and Banking 44.)

A study of law governing Negotiable Instruments; rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barters, and bailments.

45. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Miller. (See Finance and Banking 45.)

A study of the law governing relationships arising out of business associations; Agency, Partnerships and Corporations will be studied by an examination of the leading cases decided by the courts.

Upper Division Courses

50. **Principles of Political Science.** Spring. M. W. F., 10:30. Three hours credit. Sperry.

A systematic study of the principles of political science; the scope and methods of political theory; the origin, basis and nature of the state; sovereignty; the structure and province of government; citizenship and nationality.

51. **European Political Philosophy.** Winter. T. Th., 10:30. Two hours credit. Sperry.

A survey of political thought from the time of the ancients to the present with emphasis given to modern and contemporary political theory.

53. **History of American Political Thought.** Winter. T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

A study and interpretation of American political ideas from the colonial period to the present with an examination of their influence in the development of American history and government.

63. Municipal Government. Spring. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of municipal growth and development in the United States and in some of the principal European countries. Attention is given to municipal structure, organization, and administration.

73. Comparative European Governments. Autumn. M. W. F., 9:30. Three hours credit. Swensen.

A study of the organization and operation of the governments of England, France, Italy, Germany, and Russia. Attention is also given to some of the new European governments.

77. Political Parties and Party Government. Spring. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the organization and methods of action of political parties in the United States; the development of the party system; the party system in leading European countries.

80. International Law. Winter. M. W. F., 9:30. Three hours credit. Wilson.

A study of the sources, principles, and sanctions of international law; the law of peace, war, and neutrality. Problems growing out of the World War and the resulting modifications of international law.

82. History of American Foreign Policy. Spring. M. W. F., 9:30. Three hours credit. Wilson.

This course traces the history of American foreign relations from the colonial period to the present. Attention is given to the principal issues of diplomatic controversy and settlement.

83. International Relations. Winter. M. W. F., 10:30. Three hours credit. Snow.

A study of the major contemporaneous problems and developments in the field of international relations.

85. International Organization and Government.

Spring. T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

The rise and development of international government; diplomatic intercourse of states; international executive administrative, legislative and judicial functions, agencies of international intercourse and cooperation.

90. The Constitution of the United States. Spring. T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

A course dealing with the history and development of the Constitution of the United States, a study of its fundamental provisions, their interpretation, and their application in the functioning of the American system of government.

Graduate Courses

150. Principles and Problems of Political Science.

151. European Political Philosophy.

153. American Political Theories.

163. Municipal Problems.

174. English Government and Politics.

175. The British Commonwealth of Nations.

177. Political Party Systems in the United States and in European Countries.

180. International Law as Administered by the Courts.

181. The Conduct of American Foreign Relations.

182. History and Problems of American Foreign Policy.

183. International Relations and World Politics.

191. Constitutional Law of the United States.

193. Public Administration.

198. Research in Political Science.

200. Research for Master's Thesis.

PSYCHOLOGY

Professor Poulson; Assistant Professor Dusenberry.

Suggestions as to Courses. Psychology 11 is the standard foundation course which is usually made a prerequisite to all other courses in university departments of psychology. The courses especially recommended to follow it are:

General Cultural Interests: Psychology 64, 65, 70, 71, 72, 79, 101, 102, 103, 104 and 105.

Home-making Interests: Psychology 70, 71, 72 and 79.

Business Interests: Psychology 64, 65, 70, 75 and 105.

Educational Interests: Psychology 65, 70, 71, 72, 74, 75. 79 and 200. For fulfilling State Board requirements, Psychology 51 is intended for prospective elementary school teachers and Psychology 74 for junior and senior high school teachers. Other courses in this department may be used as electives for state certification.

Psychology Major: Credit must include Experimental Psychology and not less than nine quarter hours selected from Psychology 70, 75, 79, 101, 102, 103, and seminar courses in Psychology. Prospective "school psychologists" should aim to meet the major requirements as nearly as possible.

Lower Division Courses

11. General Psychology. Autumn. Daily, 8:30. Winter. Daily, 9:30. Spring. Daily, 10:30. Five hours credit. Poulson.

An introductory study of mental activity covering in a general way the whole field of modern psychology. Approximately one-fifth of the course will consist of simple laboratory experiments.

25. Psychology of Effective Study. Autumn. T., 9:30. Winter. T., 8:30. Spring. T., 9:30. One hour credit. Poulson.

A simple course in applied psychology designed especially to help freshmen who desire to improve their habits of study.

Upper Division Courses

51. **Educational Psychology.** Autumn, Winter or Spring. Section 1, M. W. F., 9:30; Section 2, M. W. F., 10:30. Three hours credit each quarter. Dusenberry.

This course deals with economy and technique of learning, individual differences, mental efficiency, native equipment, habit formation, emotions, and reasoning. Applications are made to problems of teaching and the psychological principles applied to daily life.

64. **Applied Psychology.** Autumn. M. W. Th. F., 9:30. Four hours credit. Poulson. Prerequisite: Psychology 11 or 21

Survey of the applications of scientific psychology in advertising, personal selling, industry, medicine, law, music, speech, writing, art, and athletics. Each student will stress his major interests.

65. **Experimental Psychology.** Winter. Lecture, Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson. Prerequisite: The consent of the instructor.

Selected readings and laboratory work in experimental psychology to show how scientific technique is applied in the study of mental activity. Presentation of data in tabular and graphic form.

70. **Social Psychology.** Autumn. M. W. F., 10:30. Three hours credit. Poulson. Prerequisite: Psychology 11 or its equivalent.

A study of mental life as conditioned by the social environment. Nature and development of personality. Educational implications of social psychology.

71. **Mental Hygiene.** Autumn. T. Th., 11:30. Two hours credit. Poulson. Prerequisite: Psychology 11 or 21.

An introductory course in mental health and personality problems intended for the typical college student. Applications in educational and remedial social work will be indicated.

72. Psychology of Childhood and Adolescence. Winter. T. Th., 11:30. Two hours credit. Poulson. Prerequisite: Psychology 11 or equivalent.

Psychological description of the individual's development from birth to maturity, and theories of mental growth. Practical implications for parents, teachers and social workers.

73. Psychology of Religion. Spring. T. Th., 11:30. Two hours credit. Poulson. Prerequisite: Psychology 11, 70 or 72.

An advanced consideration of important results of the psychological study of religion as a basis for the interpretation of its meanings in personal and social life.

74. Advanced Educational Psychology. Winter. M. W. Th. F., 8:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson. Prerequisite: Psychology 11.

A brief consideration of certain important phases of the psychology of secondary education. The laws of economical learning, individual differences, and the psychology of school subjects.

75. Psychological Tests. Spring. M. W. F., 7:30. Three hours credit. Poulson. Prerequisite: Psychology 11. (Alternates yearly with Psychology 105)

Development and use of psychological tests and scales. Supervised training with the Stanford revision of the Binet scale. Scientific interpretation and application of test results.

79. Abnormal Psychology. Spring. M. W. F., 8:30. Three hours credit. Poulson. Prerequisite: Psychology 11.

A consideration of the psychology of abnormal people with emphasis upon the light thrown on normal psychology and important educational applications.

Graduate Courses

101, 102. Advanced General Psychology. Autumn and Winter. M. W. F., 7:30. Three hours credit each quarter. Poulson. Prerequisites: Psychology 11 and 65 or equivalent. (Alternates yearly with Psychology 103 and 104. Not given this year.)

A careful reconsideration of the general field of modern scientific psychology, and a thorough examination of various difficult topics.

103. **History of Psychology.** Autumn. M. W. F., 7:30. Three hours credit. Poulson. Prerequisites: Psychology 11 and 65 or equivalent. (Alternates yearly with Psychology 101)

A consideration of the historical background of present-day psychology with special emphasis upon the developments of the last hundred years.

104. **Contemporary Schools of Psychology.** Winter. M. W. F., 7:30. Three hours credit. Poulson. Prerequisites: Psychology 11 and 65 or equivalent. (Alternates yearly with Psychology 102)

A critical and comparative study of such contemporary systems and movements as structuralism, functionalism, behaviorism, Gestalt psychology and psychoanalysis.

105. **Special Topics in Psychology.** Spring. M. W. F., 7:30. Three hours credit. Poulson. Prerequisite: Ten hours of psychology. (Alternates yearly with Psychology 75. Not given this year.)

Intensive seminar consideration of certain topics of special individual or group interest.

165. **Advanced Experimental Psychology.** Winter. Lecture. Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

170. **Social Psychology.** Autumn. M. W. F., 10:30. Three hours credit. Poulson.

172. **Psychology of Childhood and Adolescence.** Winter. T. Th., 11:30. Two hours credit. Poulson.

173. Psychology of Religion. Spring. T. Th., 11:30. Two hours credit. Poulson.

174, Advanced Educational Psychology. Winter. M. W. Th. F. 8:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson. Prerequisite: Psychology 11.

175. Psychological Tests. Spring. M. W. F., 7:30. Three hours credit. Poulson. (Alternates yearly with Psychology 105.)

179. Abnormal Psychology. Spring. M. W. F., 8:30. Three hours credit. Poulson.

184, 185, 186. Seminar in Psychology. Autumn, Winter, Spring. Time to be arranged. One hour credit each quarter. Poulson. Prerequisite: Consent of the instructor.

Recent and current literature in theoretical and experimental psychology will be reviewed.

200. Thesis in Psychology. Winter. Conference, T., 2:30. Three to five hours credit. Poulson.

Research work in the preparation of a Master's thesis. Prerequisites: Ten hours of upper division and graduate credit in psychology including Psychology 65 or 165. Also a course in statistical methods.

RELIGIOUS EDUCATION

Professors Wilson, J. C. Swenson, A. N. Merrill, Eyring, Lambert, Cummings, Martin, Snow, Poulson, Hansen, Osmond, Jensen, Pardoe, Reynolds; Associate Professors Sudweeks, Sperry, W. H. Boyle, Jeppson, Rowe; Assistant Professors Dusenberry, Hart, Ivins, R. Swenson; Mr. Dixon, Mr. Wilson, Mr. Anderson.

Students who wish to specialize for work with pre-adolescent children in the various auxiliary organizations of the Church will be permitted to supplement the regular courses of the department for a major in Religious Education from the following: Elementary Education 1, 16, 20, and 60; Psychology 70 and 79. Courses especially recommended for these students are Religious Education 16, 17 and 18, Elementary Education 1 and Psychology 79.

Students wishing to specialize for work with adolescents and adults in church service may include in their Religious Education major courses selected from the following: Educational Administration 75, Philosophy of Education 88, 89, Psychology 72, 79. Secondary Education 54, and Sociology 65. Courses especially recommended for these students are Religious Education 74, 75, 76, 77, 78, 79, 81, 82, 83, 86, 92 and 93, Psychology 73, and Secondary Education 54.

Lower Division Courses

1. **Problems of Religious and Ethical Life.** Autumn. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Secs. 4 and 5, 11:30, Sec. 6, 2:30. Two hours credit, Wilson, R. Swenson, Boyle, Cummings, Jensen, M. Wilson.

   The student just entering college is aided in the solution of problems incident to his new environment. The general significance and meaning of religion and morals, their origin and their interrelation.

2. **Problems of Religious and Ethical Life.** Winter. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Secs. 4 and 5, 11:30; Sec. 6, 2:30. Two hours credit. Wilson, R. Swenson, Boyle, Cummings, Jensen, M. Wilson.

A treatment of the practical aspects of religion and mortality, with attention to the cultivation of those personal virtues that are the foundation of character.

3. **Problems of Religious and Ethical Life.** Spring. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Sec. 4, and 5, 11:30; Sec. 6, 2:30. Two hours credit. Wilson, R. Swenson, Boyle, Cummings, Jensen, M. Wilson.

The individual's ethical relation to others as applied to his activities in cooperation with others. His responsibility in the promotion of ideals and standards. The ethics of citizenship.

4. **Literature of the Bible.** Autumn. T. Th., 11:30. Two hours credit. Reynolds.

A study of the prose forms of the Old Testament from a literary, ethical, historical, and religious point of view. Freshmen will be admitted only with the consent of the instructor.

5. **Literature of the Bible.** Winter. T. Th., 11:30. Two hours credit. Reynolds.

A study of the poetry and wisdom literature of the Old Testament including Job and Isaiah. Freshmen students will be admitted only by consent of the instructor.

6. **Literature of the Bible.** Spring. T. Th., 11:30. Two hours credit. Reynolds.

A study of the literary forms of the New Testament. Parts of all the books will be considered. Freshmen students will be admitted only by the consent of the nistructor.

10, 11, 12. **Principles of Religious Conduct.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. A. N. Merrill.

The fundamental theological and ethical principles governing Christian conduct. The contribution of the church to right living. The value and significance of religious experience.

14. Genealogy. Autumn, Spring. T. Th., 11:30. Two hours credit. Sudweeks.

The place of genealogy in the plan of salvation, our responsibility to our dead ancestors, genealogical research, the pedigree, the family record, temple sheets, and temple ordinances.

15. Genealogy and Eugenics. Winter. T. Th., 11:30. Two hours credit. Sudweeks.

Relation of race improvement to religion and genealogy; nature and nurture, inheritance, methods and agencies for race improvement. Eugenics records on standard forms will be made out.

19, 20, 21. Doctrine and Missionary Method. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Ivins. Only with consent of instructor.

A course designed especially for prospective missionaries. A review of the history of religious propaganda, a detailed study of methods employed in preaching the doctrines of the Church.

22, 23, 24. Hymnology and Music Directorship. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter.

Study of the historical, doctrinal, prophetic, poetic, and esthetical content of songs and hymns of the Latter-day Saints.

25. Christianity and Christian Religions. Autumn. T. Th., 11:30. Two hours credit. (Not given this year.)

Judaism as a forerunner and herald of Christianity. Israelitish faith and prophecy will receive attention, and the culmination of progressive, spiritual Judaism in Christianity will be stressed.

26. Christianity and Christian Religions. Winter. T. Th., 11:30. Two hours credit. (Not given this year.)

A study of important Christian religions of the present day. The origin and history of each will be considered as a background for a careful analysis of the principles of the modern Christian churches.

27. **Christianity and Christian Religions.** Spring. T. Th., 11:30. Two hours credit. (Not given this year.)

A study of present tendencies among Christian churches. Fundamentalism and Modernism as cross sections of various denominations will be analyzed. The relationship of modern science to Christianity.

Upper Division Courses

51, 52, 53. **History of Hebrew Civilization.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit each quarter. Sperry. (See History 51, 52, 53.)

54, 55. **Life and Teachings of Christ.** Autumn. T. Th., 11:30. Two hours credit each quarter. J. C. Swenson.

A study of life and teachings of Jesus as revealed in the New Testament.

56. **Life and Teachings of Paul and Other Apostles.** Spring. T. Th., 11:30. Two hours credit. J. C. Swenson.

The course, in addition to a study of the journeys and missions of Paul, will include a study of some of the Epistles.

57. **Philosophy and Life.** Autumn. T. Th., 11:30. Two hours credit. Osmond.

A discussion of the fundamental principles of philosophy, science, and religion and their interrelations.

58. **Philosophy and Life.** Winter. T. Th. Two hours credit. Osmond.

A comparative study of natural and revealed religion. The seven fundamental natures of man, the negative and positive conditions of happiness, pleasure, joy, and tragedy of life.

59. **Philosophy and Life.** Spring. T. Th., 11:30. Two hours credit. Osmond.

This course is devoted to a study of the elements and agencies of redemption, the spiritual life, good and evil, the truth, the fine art of living, and the philosophy of conflict.

60, 61, 62. **Literature of the New Testament.** Autumn, Winter, Spring. 8:30. Two hours credit each quarter. R. Swenson.

An analysis of the New Testament books in relation to the situations in the early Christian Church which brought them forth; their relationship to the literary, social, and religious aspects of the Hellenistic and Jewish culture.

63, 64, 65. **History of the Christian Church.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. R. Swenson.

A brief study of the oriental and classic culture and philosophy out of which emerged the Christian Church under the Teachings of Christ, Paul, the Church Fathers and the Clergy both lay and clerical.

66. **Old Testament History.** Autumn. T. Th., 11:30. Two hours credit. Martin.

A study of the political, cultural, and religious development of Israel up to the time of the Prophet Amos.

67. **Old Testament History.** Winter. T. Th., 11:30. Two hours credit. Martin.

Contributions of the prophets of Israel during the period 800 to 400 B. C.

68. **Old Testament History.** Spring. T. Th., 11:30. Two hours credit. Martin.

A study of the priestly period from 400 B. C. to the time of Jesus.

71. **Mental Hygiene.** Autumn. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 71.)

72. **Psychology of Childhood and Adolescence.** Winter. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 72.)

73. **Psychology of Religion.** Spring. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 73.)

74. **Leadership in Recreation.** Autumn. T. Th., 11:30. Two hours credit. Jeppson.

This course is given to meet the needs of the community, church and school recreational leaders. Open to Seniors only except by permission.

75. **Leadership in Recreation.** Winter. T. Th., 11:30. Two hours credit Jeppson.

The organizing and administrating of special balanced programs in the various phases of recreation, including theme parties and home recreation. Open to Seniors only except by permission.

76. **Leadership in Recreation.** Spring. T. Th., 11:30. Two hours credit. Jeppson.

Discussion of and practice in the phases of a recreational field will be studied and workable plans compiled. Students will have opportunity for group leadership within the class. Open to Seniors only except by permission.

77. **Scout Leadership.** Autumn. T. Th., 11:30. Two hours credit. Anderson

A course designed especially for scoutmasters and prospective scout leaders.

78. **Scout Leadership.** Winter. T. Th., 11:30. Two hours credit. Anderson.

Organization of a Scout troop and its relationship to the Local Council and the National Council; troop management and the patrol system; the psychology of the Boy Scout; scout stories and games.

79. **Scout Leadership.** Spring. T. Th., 11:30. Two hours credit. Anderson.

Signs, symbols, and signaling; pathfinding and mapmaking; trees, flowers, birds, common wild animals, and stars are the subjects to be studied in the class room and while on short hikes.

84. **Religion and Life.** Autumn. T. Th., 11:30. Two hours credit. Lambert.

Basic concepts set forth in the Doctrine and Covenants together with a consideration of how these concepts may assist in building a happy life. The course is conducted on a seminar basis.

85. **Religion and Life.** Winter. T. Th., 11:30. Two hours credit. Lambert.

Historical and social backgrounds into which various sections of the Doctrine and Covenants came. The needs which the various revelations met as they were given. The course is conducted on a seminar basis.

87, 88, 89. **Rationality of Religion.** Autumn, Winter and Spring. T. Th., 11:30. Two hours credit each quarter. Wilson.

Religion as life in its relationship to philosophy; the concept of truth, how arrived at; the concept of God, His relations to man, and His plan for man's redemption. Jesus Christ and His relation to the plan.

90. **Personality Problems in Moral and Religious Development.** Autumn. 11:30, T. Th. two hours credit. Dusenberry.

The emotional, social, and environmental influences affecting characters and religious development.

91. **Personality Problems in Moral and Religious Development.** Winter. 11:30. T. Th., two hours credit. Dusenberry.

The diagnosis of behavior deficiencies and the remedial technique emphasized in handling various types of problems. Emphasis on character and religion.

92. **Personality Problems in Moral and Religious Development.** Spring. 11:30 T. Th. two hours credit. Dusenberry.

Contributions of mental hygiene to character and religious education.

94. Man and His Relationship to the Universe. Autumn. T. Th., 11:30. Two hours credit. Hansen.

Anthropology. A series of lectures covering the speculations as to the origin of man in the Old and New World, and prehistoric man's contribution to the historic world of religion.

95. Man and His Relationship to the Universe. Winter. T. Th., 11:30. Two hours credit. Snow.

A general perspective of the important religions of the world. Among those considered are: Religions of the people of Babylonia and Assyria, Egypt, China, Japan, Greece, Rome, and of the Celts and Teutons; Judaism, Mohammedanism, Zoroastrianism.

96. Man and His Relationship to the Universe. Spring. T. Th., 11:30. Two hours credit. Eyring.

History of science and its relation to religion and to philosophy. A study will be made of the religious and philosophic overbeliefs which have emerged from science as it has been in the making.

Graduate Courses

105. Research in Religious Education. Autumn, Winter, or Spring. Two hours credit. Lambert.

A course in technique of research as applied to problems in religious education and which will provide an opportunity for students to apply acceptable methods of investigation to problems in this field.

121, 122, 123. Seminar. Autumn, Winter, Spring. W., 4:30. One hour credit. Wilson.

151, 152, 153. History of Hebrew Civilization. Autumn, Winter, Spring M. W. F., 9:30. Three hours credit each quarter. Sperry. (See History 151, 152, 153.)

172. Psychology of Childhood and Adolescence. Winter. T. Th., 11:30. Two hours credit. Poulson.

173. Psychology of Religion. Spring. T. Th., 11:30. Two hours credit. Poulson.

184. Religion and Life. Autumn. T. Th., 11:30. Two hours credit. Lambert.

This course parallels Religious Education 84 and permits graduate students to do intensive work in the field.

185. Religion and Life. Winter. T. Th., 11:30. Two hours credit. Lambert.

This course parallels Religious Education 85 and permits graduate students to do intensive work in the field.

186. Administration of Private and Parochial Schools and Seminaries. Spring. T. Th., 11:30. Two hours credit.

This course parallels Religious Education 86 and permits graduate students to do intensive work in this field. Students majoring in Educational Administration may obtain credit for this course.

187, 188, 189. Rationality of Religion. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Wilson.

These courses are extensions of courses 87, 88, and 89.

193. Methods in Religious Education. Autumn or Spring. T. Th. Two hours credit. A. N. Merrill.

This course is designed for those who are expecting to qualify for efficient service in directing teacher training, in supervising instruction, and teaching adolescent and adult students.

195. Anthropology. Winter. T. Th., 11:30. Two hours credit. Hansen. (See Sociology 95.)

A continuation of course 94 with special reference to the American Indians.

196. Anthropology Research. Spring. Time and credit to be arranged. Hansen.

SOCIOLOGY

Professors Swenson, Woodward, Nelson, Hansen; Assistant Professor Boyle; Mr. Christensen.

Courses 11 and 12, or 55 and 56 are prerequisite to all other courses in sociology.

Lower Division Courses

1. Orientation in Education. Autumn, Winter, Spring. M. T. W. Th., 9:30. Four hours credit each quarter. Woodward. (See Education 1.)

11. Introduction to the Study of Sociology. Autumn and Winter. Daily, 2:30. Five hours credit each quarter. Christensen.

This course is designed to give the ground work for social study. It presents a general view of social organizations, social forces and a practical working theory of the nature of society.

12. Social Problems. Spring. Daily, 2:30. Five hours credit. Christensen.

This course deals with concrete social problems such as crime, poverty, racial conflicts, etc. Discussions, papers, and assigned readings.

Upper Division Courses

51. Community Organization and Leadership. Spring. M. W. F., 9:30. Three hours credit. Swenson.

Problems of community life and action, and the methods of promoting them through organization and leadership.

52. History and Development of the Mormon Community. Autumn. M. W. F., 10:30. Three hours credit. Nelson.

The evolution of the "village" form of community organization among the Mormons. The social, political, economic, and intellectual characteristics of the early nineteenth century are studied as background material.

53. Rural Sociology. Winter. M. W. F., 10:30. Three hours credit. Nelson and Christensen.

A survey of social conditions in the rural life of America, with special reference to those social processes which are in operation at the present time.

55. **Introduction to the Study of Sociology.** Autumn and Winter. Daily, 8:30. Five hours credit each quarter. Swenson.

56. **Social Problems.** Spring. Daily, 8:30. Five hours credit. Swenson. Same as Sociology 12.

61. **Educational Sociology.** Autumn. M. W. F., 9:30. Three hours credit. Swenson.

An introductory study of the principles of educational sociology and their application to the theory and practice of school administration, curricula and methods of instruction.

65. **Social Pathology.** Spring. 9:30. Two hours credit. Swenson. (Not given this year.)

A study of local organizations for social, civic, and philanthropic work.

66. **Urban Sociology.** Winter. 9:30. Two hours credit. Swenson. (Not given this year.)

A study of the evolution and problems of urban life, with special emphasis on the economic, ethical, and political influence of cities on modern society.

70. **Social Control.** Spring. M. W. F., 8:30. Three hours credit. Swenson.

A study of the means of the control of the individual by groups. Such agencies as public opinion, belief, social suggestions, ceremony, personal ideals, etc., will be studied in detail.

71. **Juvenile Sociology.** Autumn. T. Th., 9:30. Two hours credit. Boyle.

This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group.

75. **The Family.** Spring. M. W. F., 8:30. Three hours

credit. Swenson.

A study of the history and development of the family and its place as an institution in the development of our civilization. The course also considers the modern family and its problems.

77, 78. Social Case Work. Autumn, Winter, and Spring. F., 1:30 to 3:30. Two hours credit each quarter. Nelson and members of the General Board of the Relief Society.

Principles and practices of case work with the maladjusted and the dependent. This course is given in cooperation with the General Board of Relief Society.

81. The History of Social Theory. Spring. M. W. F., 9:30. Three hours credit. Swenson.

The course deals with evolution of social theories beginning with Plato and considering the developments through the early Christian Era and also the Medieval and modern social theorists.

85. Education and Twentieth Century Civilization. Autumn. M. W. F., 9:30. Three hours credit. Woodward. (See Philosophy of Education 90.)

89. Social Ethics. Spring. M. T. W. Th., 10:30. Four hours credit. Woodward (See Philosophy of Education 89.)

90. Labor Problems. See Economics 61.

94. Anthropology. Autumn. T. Th., 11:30. Two hours credit. Hansen.

An introductory course in the study of the science of man. Treated from the standpoint of his antiquity and development as interpreted from paleontological and archaeological evidence.

95. American Anthropology. Winter. T. Th., 11:30. Two hours credit. Hansen.

A study of the American Indian and his place among the races of mankind as interpreted from paleontological data.

96. **Cultural Anthropology.** Spring. T. Th. Two hours credit. Nelson.

An analysis of the social institutions of primitive people and how those institutions have developed. The meaning and content of culture.

97, 98, 99. **Recent Social Trends.** Autumn, Winter, Spring. W., 4:30. Two hours credit each quarter. Nelson and Christensen.

Graduate Courses

101, 102, 103. **Research.** Time and credit to be arranged. Swenson and Nelson.

Opportunity is given for the student to work out a problem in the field of his greatest interest. Direction in the methodology of research in the social science field, and in the presentation of material.

104. **Research Methods in Social Science.** Spring. M. W. F., 2:30. Three hours credit. Nelson.

The nature of social science; types of approach to and methods of study of social phenomena. Students should have some knowledge of statistical method, or secure consent of the instructor.

151. **Community Organization.** Spring. M. W. F., 9:30. Three hours credit. Swenson. (See Sociology 51.)

152. **History and Development of the Mormon Community.** Autumn. T. Th., 11:30. Two hours credit. Nelson.

161. **Educational Sociology.** Autumn. 9:30. Three hours credit. Swenson.

171. **Juvenile Sociology.** Autumn. Two hours credit. Boyle.

175. **The Family.** Spring. Three hours credit. Swenson.

185. **Education and Twentieth Century Civilization.** Autumn. M. W. F. 9:30. Three hours credit. Woodward. (See Philosophy of Education 190)

186. Social Organization. Winter. Three hours credit.

189. Social Ethics. Spring. M. T. W. Th., 10:30. Four hours credit. Woodward.

190. Labor Problems. Winter. Three hours credit.

191. Labor Legislation. Spring. Three hours credit.

194. Anthropology. Autumn. Two hours credit. Hansen.

195. Cultural Anthropology. Spring. Two hours credit. Nelson.

196. Research. Time and credit to be arranged.

197, 198, 199. Recent Social Trends. Autumn, Winter, Spring. M,. 4:30. Two hours credit each quarter. Nelson and Christensen.

A cross-section of contemporary American civilization. Special attention will be given the reports of the Hoover Commission on Social Trends.

200. Thesis.

SPEECH

Professors Pardoe, Morley, De Jong, Osmond, Romney, Miss Candland.

Students majoring in this department are required to furnish two years in a foreign language. They may elect one of the two divisions, public speaking or dramatic arts. Requirements for public speaking are Speech 1, 2, 3, 11, 42, 51, 52, 53, 77 or 78, 84p, and 91. Requirements for dramatic arts are Speech 1, 11, 12, 22, 42, 43, 61, 62, 72, 73, 81p, 87p, and 91.

It is advisable to register for Physics 11, Psychology 11 and 70, and Art 21.

Students minoring in Speech should qualify in the following courses: Speech 1, 2, 3, 11, 51 or 52, 71 or 72 and 91.

Lower Division Courses

1. **Principles of Speech.** Autumn. M. W. F., Sec. 1, 1:30; Sec. 2, 9:30; Sec. 3, 10:30. Three hours credit. Pardoe, Morley, Romney.

The elements of speech, proper carriage, and simple outline of speeches constitute the major portion of this course.

2. **Open Forum Discussion.** Winter. M. W. F., Sec. 1, Sec. 2, 9:30; Sec. 3, 10:30. Three hours credit. Pardoe, Morley, Romney.

Encouragement and practice in extemporaneous speech and application of speech principles. Vocabulary building.

3. ***Speech Analysis.** Spring. M. W. F. Sec. 1, 1:30; 1:30; Sec. 2, 9:30; Sec. 3, 10:30. Three hours credit Pardoe, Morley, Romney.

The study of masterpieces and models of speech composition. Practice in delivery and analysis. Individual needs especially motivated.

11. **Elementary Speech Problems.** Autumn. M. T. W. Th., Sec. 1, 8:30; Sec. 2, 10:30; Sec. 3, 2:30. Four hours credit. Pardoe, Morley, Candland.

Fundamental principles of speech arts, with emphasis on pantomime.

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*Classes in speech are divided for best individual attention as registration warrants.

12. Classical Literature. Winter. M. T. W. Th., Sec. 1, 8:30; Sec. 2, 10:30; Sec. 3, 2:30. Four hours credit. Pardoe, Morley, Candland.

Application of the elements of reading to great scenes of classical literature. Voice especially developed.

13. Dramatic Monologue. Spring. M. W. F., Sec. 1, 8:30; Sec. 2, 10:30; Sec. 3, 2:30. Four hours credit. Pardoe, Morley, Candland.

Special attention is given to the dramatic monologue and soliloquy.

21. Interpretative Literature. Autumn. M. W. F., 9:30. Three hours credit. Pardoe. Courses 11, 12, and 13 are prerequisites.

Character delineation forms a great portion of the work.

22. Dialogue and Scene Presentation. Winter. M. W. F., 9:30. Three hours credit. Stewart. Courses 11, 12, 13, prerequisites.

The great scenes from Shakespeare and classical literature. Character analysis and presentation.

42. Practical Phonetics. Autumn. T. Th., 1:30. Two hours credit. De Jong.

A course prescribed for all majoring in speech. Given to aid students to acquire a better understanding of English and foreign diction. (See Department of Modern and Classical Languages, Phonetics 42.)

43 or 44. Representative Dialect. Spring. M. W. F., 9:30. Three hours credit. Pardoe. Speech 42 is a prerequisite.

A study of dialect as an element in interpretation.

Scotch, Italian and Yiddish alternate each year with Cockney, Negro and class choice. Scotch on even years.

Upper Division Courses

51. **Advanced Speech Composition.** Autumn. M. W. F., 8:30. Three hours credit. Morley.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery.

52. **Argument and Debate.** Winter. M. W. F., 8:30 Three hours credit. Morley. Prerequisite: English 1, 2, 3, or Speech 1 and 2.

A study of the principles of argument followed by a series of debates on current questions. (See English 52.)

53. **Lecture and Oration.** Spring. M. W. F., 8:30. Three hours credit. Morley.

A course designed for students preparing for the mission field, or who desire efficiency in the expression of their major subjects.

54. **The Dramatic Interpretation of Shakespeare.** Autumn. T. Th., 3:30. Two hours credit. Osmond.

Selected drills and exercises from a number of the greatest plays.

55. **The Dramatic Interpretation of Shakespeare.** Winter. T. Th., 3:30. Two hours credit. Osmond.

Selected drills and exercises from a number of the great plays.

56. **The Dramatic Interpretation of Shakespeare.** Spring. T. Th., 3:30. Two hours credit. Osmond.

The dramtic interpretation of whole scenes from some of the great plays.

57. **Advanced Debate.** Winter. One hour credit. For such members of the debating squad as qualify and register for this course, subject to the approval of the Debating Council.

A speech seminar for the study of individual problems. Required of all majors.

61. **Speech Projects.** Autumn. T. Th., 3:30. Two hours

credit. Pardoe.

62. Impersonation. Winter. Daily, 3:30. Five hours credit. Pardoe.

63. Interpretation of Modern Drama. Autumn. W., 7:00 p. m. One hour credit. Pardoe.

Study of world drama.

64. Interpretation of Modern Drama. Winter. W., 7:00 p. m. One hour credit. Pardoe.

Modern drama analyzed and dramatically presented.

An advanced course leading to the reading of full programs. Only those who have built a proper voice foundation and can qualify in courses 1, 2, 11, 12, 13, and 22 are eligible.

71. Stage Craft. Autumn. M. W. F., 2:30. Three hours credit. Pardoe.

It is suggested that students take Art 21 as a preparation for this course.

72. Play Production. Autumn. M. W. F., 2:30. Three hours credit. Three classes and one laboratory period per week. Advanced students only. Pardoe. Courses 11, 12, 13, 22, prerequisites.

73. Acting. Winter. M. W. F., 2:30. Two hours credit. Two classes and one laboratory period per week. Advanced students only. Pardoe.

77. History of Dramatic Production. Autumn. T. Th., 1:30. Two hours credit. Morley.

The Egyptian, Grecian and Roman Theatre. A study of the means employed in the theatrical presentations during these periods.

78. History of Dramatic Production (Medieval.) Winter. T. Th., 1:30. Two hours credit. Morley.

79. History of Dramatic Production (Elizabethan.) Spring. T. Th., 1:30. Two hours credit. Morley.

81-p. Dramatic Technique. One hour credit per quarter for each recitation per week. Pardoe, Morley.

An intensive individual course in advanced interpretation. Time and fee to be arranged with instructor.

84-p. **Public Speaking.** One hour credit per quarter for each recitation per week. Morley.

An intensive individual course designed for those who desire to concentrate on organization and delivery of the more advanced forms of public speech. Time and fee to be arranged with instructor.

87-p. **Voice and Speech Improvement.** One hour credit per quarter for each recitation per week. Pardoe, Morley.

An intensive individual course designed to help the student acquire good speech habits with particular attention to development of a pleasing, well-modulated speaking voice. Time and fee to be arranged.

91. **Methods of Teaching Speech.** Spring. T. Th., 8:30. Two hours credit. Morley.

Organization of high school departments of speech. Selection of materials and methods to be employed in speech teaching. (See Secondary Education 68.)

Graduate Courses

105. **Psychology of Speech.** Autumn. M. W. F., Three hours credit. Time to be arranged. Morley.

106. **Speech Correction.** Winter. M. W. F. Three hours credit. Morley. Laboratory and clinic methods for the study of various speech defects. Time to be arranged.

131. **Technique of Play Writing.** Winter, Spring. Three hours credit. Pardoe. Time to be arranged.

132. **Technique of Play Writing.** Time to be arranged. Three hours credit. Pardoe.

The writing and producing of original plays, with emphasis upon western themes.

143 or 144. **Dialect Research.** Spring. M. W. F. Laboratory, two hours per week. Three hours credit. Pardoe. Speech 42 prerequisite.

153. **Lecture and Oration.** Spring. M. W. F., 8:30. Three hours credit. Morley.

171. **Stage Craft.** Autumn. M. W. F., 2:30. Three hours credit. Pardoe.

172. **Play Production.** Autumn. M. W. F., 2:30. Two hours credit. Pardoe.

173. **Acting.** Winter. M. W. F., 2:30 Three hours credit. Pardoe.

177. **History of the Drama (Ancient).** Autumn. T. Th. Morley.

178. **History of Dramatic Production (the Oriental and Medieval Theatre.)** Winter. T. Th., 1:30. Two hours credit. Morley.

179. **History of Dramatic Production.** Includes the Elizabethan period. Spring. T. Th., 1:30. Two hours credit. Morley.

191. **Methods of Teaching Speech.** Spring. T. Th. Two hours credit. Morley.

200. **Thesis.** Three to five hours credit. Time to be arranged. Pardoe, Morley.

Individual research upon a problem of importance to speech. Ability to conduct experiments necessary. Subject must be submitted for work during three quarters.

ZOOLOGY AND ENTOMOLOGY

Professor Tanner; Doctors Cullimore, Oaks, Merrill; Mr. Hayward. Miss Snow.

Students majoring in this department must complete courses 11, 18, 30, 55, 56, 65, 71, 72, 75, 80, 82 and 94. Substitution of other courses is permitted in special cases. Students are also advised to complete two years of German and French if they contemplate doing advanced work in Zoology or Entomology.

Students who expect to study Medicine may take Zoology for their major subject and complete the courses advised or they may take the following courses: 11, 18, 55, 56, 71 and 72.

Students who desire to teach Biology in the high school should complete the following courses: 11, 30, 55, 56, 58, 65, 69, and 71; Botany 3, 12, and 21.

Facilities for the Study of Zoology and Entomology

The natural history collections consist of a very complete collection of Utah fish, amphibians, reptiles, birds, and mammals. This collection is also supplemented by the Chester Van Buren collection of birds from Magdalena River of Colombia, South America, which consists of over a thousand skins; and the David Starr Jordan collection of fish from the Hawaiian Islands. The entomological collection contains authoritatively named specimens in all the orders of insects. The pinned insects are placed in four hundred trays, 18x19 inches in size, two inches deep. The specimens are pinned in unit boxes. The Lepidoptera collection is a very complete one of Utah and the Great Basin region. It contains over six hundred named species and ten thousand specimens. It is made up of the famous Tom Spalding collection and the Chester Van Buren collection. The Coleoptera collection contains over six thousand determined species and forty thousand specimens. It contains a very complete collection of weevils, the Chas. W. Leng collection of 1100 species, and 300 species from the Blatchley collection.

A laboratory is maintained at the mouth of Provo River on the east shore of Utah Lake. This provides ample facilities for careful study of this interesting fresh water lake.

ZOOLOGY

Lower Division Courses

11. General Zoology. Autumn. T. Th., Sec. 1, 8:30; Sec. 2, 10:30; Winter. Sec. 1, T. Th., 10:30; Spring. T. Th., Sec. 1, 10:30; Laboratory Sec. 1, T. Th., 1:30-3:30; Sec. 2, T. Th., 3:30-5:30; Sec. 3, M. W., 1:30-3:30; Sec. 4, M. W., 3:30-5:30. Four hours credit. Tanner and Hayward.

Fundamentals of structure, physiology, development, heredity, adaptations, classifications, and bearing of Biology on human life.

18. Evolution and Genetics. Winter and Spring. M. W. F., 10:30. Three hours credit. Prerequisite: Zoology or Botany Laboratory course. Tanner and Hayward.

A course dealing in a general way with the theories and evidences of organic evolution. The laws and physical basis of heredity are studied in the light of their relationship to evolution.

23. Animal Ecology. Spring. M. W. F., 9:30. Three hours credit. Tanner.

The environment, natural habitats, adaptions, relationships of organisms, and distribution of species and communities will be considered.

Upper Division Courses

55. Invertebrate Zoology. Winter. T. Th., 8:30. Laboratory M. W., 1:30-4:30. Four hours credit. Tanner, Hayward.

This course is designed to follow Zoology 11, and is intended to give the students a broader knowledge of the morphology and relationship of the invertebrate groups.

56. Vertebrate Zoology. Spring. T. Th., 8:30. Laboratory, M. W. F., 1:30-4:30. Five hours credit. Tanner, Hayward.

A detailed study of the comparative anatomy of the vertebrates.

57. **Ornithology.** Spring. 7:30. Laboratory M. W. F., 7:30. Three hours credit. Hayward. Prerequisite: Zoology 11.

A course in the evolution, structure, classification, and distribution of birds, with special reference to the Utah species.

58. **Health Education for Teachers.** Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Cullimore, Oaks, Merrill.

Designed especially for those who are preparing to teach in the public schools.

59. **Ichthyology.** Winter. M. W. F., 8:30. Three hours credit. Tanner.

An introductory course dealing with the problems relating to the life history of fishes, classification of species found in this region.

60. **General Physiology.** Winter. M. W. F., 3:30. Three hours credit. Tanner, Hayward, Oaks, Cullimore, Nichols, Hales, Bryner, Johannsen. Prerequisites: Chemistry 70-71 or equivalent and Zoology 11 and 65.

Material covered in this course includes chemistry of protoplasm, digestion, metabolism, absorption, excretion, circulation, body temperature and endocrine glands.

65. **Human Physiology.** Spring. T. Th., 7:30; Laboratory Sec. 1; T. Th., 1:30 to 3:30; Sec. 2, T. Th., 3:30 to 5:30. Four hours credit. Hayward and Cullimore. Prerequisite: Zoology 11.

This course is designed to give the student a working knowledge of the life processes as they function in man.

69. **Methods of Teaching Biology.** Winter and Spring. Two hours credit. Tanner, Martin, Hayward, and Snow.

A course in the methods of organizing and presenting the subject matter in the high school biology course.

71. Histology. Autumn. M., 9:30; Laboratory, W. F., 1:30-4:30. Three hours credit. Tanner and Hayward.

Microscopic structure of the tissues and organs of animals. Practical training in fixing tissues, embedding, sectioning, staining, and mounting of permanent specimens.

72. General Embryology. Autumn. T. Th., 9:30. Laboratory, W. F., 1:30-4:30. Three hours credit. Tanner.

The origin and development of the organs and organ-systems of vertebrate animals, especially the chick, are studied. (Not given this year.)

73. Aquatic Zoology. Autumn. M. W. F., 9:30. Three hours credit. Tanner. (Not given this year.)

A general course in the study of fresh water animals of Utah Lake.

75. History of Biology. Winter. T. Th., 10:30. Two hours credit. Tanner. (Not given this year.)

A study of the development of biological thought from the time of the earliest writers to the present.

79. Eugenics. Spring. M. W. F., 10:30. Tanner. Prerequisite: Some laboratory course in Zoology or Botany.

The laws of natural inheritance, population problems, environment, reform, marriage and divorce, and state aid for education. (Not given this year.)

80, 81. Seminar. Autumn, Winter. One hour credit each quarter. Time to be arranged. Tanner, Hayward.

Required of all majors in this department during their junior and senior years.

85. Fresh Water Zoology Problems. Spring. Time and credit to be arranged. Tanner.

Special problems dealing with the plankton, mollusks, insects, fish, etc., of the lake. Problems will be assigned to individual students. (Not given this year.)

93. Field Zoology. Time and credit to be arranged. Tanner.

Students may make extensive collections of the animal life of this state or adjoining states and then make a report on the same. This course aims to give training in systematic Zoology and museum work.

Graduate Courses

113, 114, 115. **Research Work in Systematic and Economic Ornithology.** Time and credit to be arranged.

117, 118, 119. **Zoological Research.** Time and credit to be arranged.

This course is open to all students prepared to do graduate work in any branch of zoological science.

160. **General Physiology.** Three hours credit. (See Zoology 60.)

200. **Research.** Thesis. Credit by arrangement.

This course is required of all students seeking a master's degree in this department.

ENTOMOLOGY

Lower Division Courses

30. **Elementary Entomology.** Autumn. M. W. F., 9:30. Three hours credit. Tanner

This course is intended to interest students in insect life. A study of the structure, development and classification of some of the more important insects will form a basis of this course.

31. **Morphology of Insects.** Winter. M. W. F., 9:30; Th., 1:30-4:30. Four hours credit. Hayward.

It is the purpose of this course to teach the structures of insects and the importance of these structures in a systematic study of insects A few typical insects will be thoroughly studied.

32. **Insect Classification.** Spring. M. W. F., 9:30; Th., 1:30-4:30. Four hours credit. Hayward.

Students will collect and study systematically the insect fauna of the Provo region. Prerequisite: Course 31.

34. **Economic Entomology—Field, Orchard and Garden Insects.** Autumn, M. W. F., 10:30. Three hours credit. Tanner.

A study of the principal injurious and beneficial insects of the field, orchard and garden. Will include field, laboratory, and bibliographic work. Prerequisite course 30.

Upper Division Courses

61. **Advanced Study of the Hymenoptera.** Autumn, Winter, Spring. Three hours credit. Time to be arranged. Hayward.

A morphological and systematical study of the groups of western Hymenoptera in which the student may be interested.

62. **Advanced Study of the Coleoptera.** Autumn, Winter, Spring. Three hours credit. Time to be arranged. Tanner.

Students may study the weevils or other Coleoptera from the systematic, morphological, or economic standpoint.

63. **Arthropods of the Intermountain States.** Spring. M. W. F., 10:30. Three hours credit. Tanner.

A general course dealing with the morphology, physiology, and classification of the Arthropods of this region. An important course for all majors in Zoology. (Not given this year.)

64. **Advanced Entomology.** Winter and Spring. Time and credit to be arranged. (Not given this year.)

Open only to advanced students who are prepared to do systematic, morphological, or economic work.

94. **Principles of Nomenclature.** Winter. M., 4:30. One hour credit. Tanner. (Not given this year.)

A lecture course dealing with the principles of nomenclature and intended to meet the needs of students from any of the biological departments.

96. **Special Problems in Entomology.** Winter and Spring. Two hours credit. Time to be arranged. Tanner.

Students will be encouraged to study the internal morphology of various groups of insects.

Graduate Courses

102, 103, 104. **Special Problems in Systematic Entomology.** Time and credit to be arranged.

Studies in the structure and classification of certain groups of insects as Coleoptera, Diptera, Hymenoptera, etc.

105, 106. **Research Work in Insect Morphology.** Time and credit to be arranged.

Special emphasis will be placed upon the morphology of the beetles. However, students may choose any group for detailed study.

107, 108, 109. **Special Problems in Economic Entomology.** Time and credit to be arranged.

The student is here given an opportunity to make a more or less detailed study of some insect or group of insects of economic importance. Students are encouraged to do considerable life history work.

110, 111, 112. **History of Entomology.** A one hour lecture or seminar course required of all graduate students. Time and credit to be arranged.

Extension Division

FACULTY

FRANKLIN STEWART HARRIS, President
LOWRY NELSON, Director
CARLTON CULMSEE, Secretary Extension Division
ALFRED OSMOND, English
CHRISTEN JENSEN, History and Political Science
ELBERT H. EASTMOND, Art
AMOS N. MERRILL, Secondary Education
EDWARD H. HOLT, Office Practice
BENJAMIN F. CUMMINGS, Languages
THOMAS L. MARTIN, Agronomy
HUGH M. WOODWARD, Philosophy of Education
WILLIAM J. SNOW, History
T. EARL PARDOE, Speech
M. WILFORD POULSON, Psychology
VASCO M. TANNER, Zoology and Entomology
GERRIT DE JONG, JR., Languages
HERALD R. CLARK, Finance and Banking
GEORGE H. HANSEN, Geology and Geography
ELMER MILLER, Economics
MILTON MARSHALL, Physics
GUY C. WILSON, Religious Education
HARRISON R. MERRILL, English
J. MARINUS JENSEN, English
JOSEPH SUDWEEKS, Religious Education
C. S. BOYLE, Accounting and Business Administration
EFFIE WARNICK, Home Economics
WAYNE B. HALES, Physics and Mathematics
IDA SMOOT DUSENBERRY, Psychology
WILLIAM H. SNELL, Mechanic Arts
ASAEL C. LAMBERT, Educational Administration
EDGAR M. JENSON, Educational Administration, [illegible]
ALONZO J. MORLEY, Speech
H. GRANT IVINS, Animal Husbandry
A. REX JOHNSON, Accounting and Business Administration
JOHN E. HAYES, Registrar
KIEFER B SAULS, Secretary to the President, Purchasing Agent

ELSIE C. CARROLL, **English**
C. LAVOIR JENSEN, **Mathematics**
W. ELMO COFFMAN, **Science**
C. LYNN HAYWARD, **Zoology**
BERTRAND F. HARRISON, **Botany**
IRENE S. BARLOW, **Home Economics**
F. WILCKEN FOX, **Bureau of Visual Instruction Secretary**
MRS. CHRISTEN JENSEN, **English**
MRS. NELLIE THORNTON, **English**
J. F. WAKEFIELD, **Apiculture**
A. A. ANDERSON, **Scouting**

Never before in the world's history were so many people attending college. But great as has been the increase in enrollment of resident students, it does not compare with the remarkable growth of what has come to be termed "Adult Education."

Doubtless, the growth of adult education is partly due to the necessity of people learning new things. The development of science and invention has been so rapid in recent years as literally to flood the earth with strange new devices. Old occupations have been destroyed and new ones created. There has come an amazing demand from the general population for instruction suited to its needs.

The Extension Division brings the University departments of instruction to your door. If you would study history, literature, mathematics, or practically any other subject in the University, you can now study it under expert guidance through the Home Study Bureau.

Directed Home Study

Hundreds of students are enrolled annually in courses, the instruction in which is carried on by the correspondence method. This method has the advantage of placing the student in direct touch with the instructor and allowing him to study at home at hours suited to his convenience.

Extension Division Aims

To render service to those who are unable to take advantage of the benefits of attending an educational institution, is the chief aim of the Extension Division of the Brigham Young University. To this end, correspondence courses and extension classes are offered to the public at a reasonable rate. Indeed, instruction by extension methods is more reasonable in Utah, than in the vast majority of states of the Union. Courses may be taken for credit or not.

Method of Instruction

After filing the application for enrollment and paying the fee, the student is sent the assignments of the course. He is given full instruction as to the required reading and preparation of his lesson, including questions to test his knowledge of the ground covered.

After preparing for recitation, the student does the required written work and mails it to the Extension office. This paper is criticized by the instructor, graded and returned to the student.

Each correspondence course carries credit equivalent to the corresponding courses in residence and therefore covers a definite amount of work. Most of the courses contemplate the students' preparing about five assignments for each quarter hour of credit received.

Regulations

1. No degree is offered for work done wholly in absence.

2. A student may begin at any time a course for which he is prepared, and must complete it within a year from the time he registers. He must distribute his reports with approximate evenness throughout the period of study. Each assignment is aimed to cover about a week's study in that particular subject provided the student spends about an hour a day. If he desires to send in more than two assignments a week, he

should obtain permission from the instructor. Reports may be rejected if the student attempts to compress his work unduly.

3. A student may not take correspondence work while in residence without the consent of the Dean concerned.

4. A student who does not report either by letter or lesson within a period of ninety days may thereby forfeit his right to further instruction in the course.

5. Unless otherwise stated examinations are required in all courses before credit is given. These examinations must be supervised by a responsible school official. Where it is convenient, the examination should be taken at the University.

Entrance Requirements

Registration for extension courses demands the same entrance requirements as do courses in residence. That is, matriculation for college courses presupposes sixteen units of high school work. However, exception may be made in favor of mature students, or those who have practically completed their high school work.

Fees

The charge for correspondence courses is at the rate of $2.50 a credit hour, except as indicated in some courses, with a minimum fee of $5.00.

Fees will not be refunded because of inability of the student to continue a course for which he has registered. Permission to change to some other course may be given, however.

Extension Classes

The faculty of the school goes out into the communities and organizes regular classes which receive very much the same instruction as do resident students in corresponding courses. These classes are designed to meet the needs of persons who are not resident students of an educational institution. The usual procedure where such a class is desired is for the group to send to the Extension Division for an instructor.

Visual Instruction

Schools and seminaries throughout the intermountain region have access to the Bureau of Visual Instruction library of 16-millimeter motion pictures and 35-millimeter filmstrips. Illustrative material for practically every course in the usual curriculum is available. During the 1934-35 school year approximately 17,000 students, ranging from kindergarten to junior college grade, regularly viewed educational pictures from the Bureau and many hundreds of others attended occasional showings. It is commonly found that the proper use of visual aids to instruction leads to a measurable increase in learning.

Lectures and Entertainments

Members of the faculty have addressed or entertained in the neighborhood of two hundred thousand people in Utah and surrounding states during each of the past few years. These lectures and entertainments have for the most part been free except for transportation charges. The Extension Division, however, offers a regular lyceum course consisting of high class lectures and entertainments, for which a nominal charge is made.

Social Service

In this department there is included miscellaneous service consisting of recreation, club programs, pageants, visual education, package libraries, etc.

Publications

The Extension Division publishes from time to time circulars of general or specific interest. These circulars may be on any one of a wide number of subjects. In fact, any department of the University may have the opportunity of publishing material through this bureau as far as resources will permit.

Leadership Week

The first annual Leadership Week was held in January, 1922. Since that time it has been an annual event. In the 14th week, in 1935, the attendance represented 85 stakes of the Church. About thirty short courses were given.

CORRESPONDENCE COURSES

NOTE: Courses marked "x" are either not given in residence or do not correspond precisely to residence courses in the same subject. All other courses parallel residence courses by the same number.

ACCOUNTING AND BUSINESS ADMINISTRATION

1. **Elementary Accounting.** Five hours credit. Boyle.
2. **Elementary Accounting.** Five hours credit. Boyle.
14x. **Commercial Art.** Two hours credit. Jenson. Fee $7.00.
22. **Principles of Marketing.** Three hours credit. Johnson.
24. **Salesmanship.** Three hours credit. Johnson.
25. **Advertising.** Three hours credit. Johnson.
30. **Commercial Geography.** Five hours credit. Hansen.
37. **Cooperative Marketing.** Three hours credit. Johnson.
50. **Intermediate Accounting.** Four hours credit. Clark.
51. **Intermediate Accounting.** Three hours credit. Clark.
52. **Intermediate Accounting.** Four hours credit. Clark.
61. **Personnel Management.** Three hours credit. Boyle.
62. **Personnel Management.** Three hours credit. Boyle.
63. **Personnel Management.** Three hours credit. Boyle.
74. **Principles of Satistics.** Three hours credit. Boyle.
75. **Business Statistics.** Two hours credit. Boyle.

AGRONOMY

21. **Root Crops.** Four hours credit. Martin.
22. **Cereal Crops.** Four hours credit. Martin.
23. **Forage Crops.** Four hours credit. Martin.
41. **Soils.** Three hours credit. Martin.
92. **Bacteria in Relation to Soil Fertility.** Three hours credit. Martin.
94. **History of Agriculture.** Three hours credit. Nelson.
99. **Agricultural Literature.** Credit to be arranged. Martin.

ANIMAL HUSBANDRY

2. **History of Breeds of Live Stock.** Five hours credit. Ivins.
8. **Practical Poultry Farming.** Three hours credit. Ivins.

ART

14x. Commercial Art. Two hours credit. Jenson. Fee $7.00.
17x. Illustration. Two hours credit. Eastmond. Fee $7.00.
47. Art Pageantry Production. Two hours credit. Eastmond.

BOTANY

21. General Bacteriology. Three hours credit. Martin.
55x. Local Flora. Three or five hours credit. Harrison.
90. Advanced Systematic Botany. Harrison.

DRAWING

4. Drawing. Two hours credit. Snell.
5. Drawing. Two hours credit. Snell. Prerequisite 4.
6. Drawing. Two hours credit. Snell. Prerequisite 5.
10. Instrumental Perspective. Two hours credit. Snell. Prerequisite 4, 5, 6, or equivalent.
13. Architectural Drawing. Two hours credit. Snell. Prerequisite 4, 5 and 6.
14. Architectural Drawing. Two hours credit. Snell. Prerequisite 13.
15. Architectural Drawing. Two hours credit. Snell. Prerequisite 14.

ECONOMICS

11. Introduction to Economics. Three hours credit. Miller.
12. Principles of Economics. Three hours credit. Miller. Prerequisite, Economics 11.
13. Current Economic Problems. Three hours credit. Miller.
31. Cooperative Marketing. (See Acc. 37) Johnson.
61. Labor Problems. Three hours credit. Boyle.
93. Economic History of Agriculture. Three hours credit. Nelson.

EDUCATIONAL ADMINISTRATION

5. Educational Administration. (See Elementary Education) Three hours credit. Lambert.
50. Rural Education. Three hours credit. Merrill.
60x. Youth and Its Leadership. Five hours credit. Lambert.

81. **Old and New Type Examinations.** Two hours credit. Sudweeks.
100. **Independent Readings.** Two hours credit. Lambert.

ELEMENTARY EDUCATION

5. **School Organization and Administration.** Three hours credit. Lambert.
22. **Hygiene and Sanitation.** Three hours credit. Hayward.

PHILOSOPHY OF EDUCATION

74. **Rural Sociology.** Three hours credit. Nelson. (See Sociology 53.)
81. **Science of Education.** Four hours credit. Woodward.
86. **History of Education.** Three hours credit. Woodward.

SECONDARY EDUCATION

53. **Organization and Administration.** Three hours credit. A. N. Merrill.
55. **Secondary Education in the United States.** Four hours credit. Merrill.

ENGLISH

1. **Rhetoric and Composition.** Three hours credit. Thornton.
2. **Rhetoric and Composition.** Three hours credit. Thornton. Continuation of course 1.
3. **Rhetoric and Composition.** Three hours credit. Thornton. Continuation of course 2.
4. **Business English.** Three hours credit. Roberts.

11. **Advanced English Grammar.** Four hours credit. Jensen
16x, 17x. **Survey of American Literature.** Four hours credit. Mrs. Jensen.
20, 21, 22. **Masterpieces of English Literature.** Six hours credit. Carroll.
21x, 22x, 23x. **Survey of English Literature.** Nine hours credit. Mrs. Jensen.
44x. **History and Development of the American Novel.** Four hours credit. Osmond.
50x, 51x, 52x. **Readings in World Literature.** Six hours credit. Mrs. Jensen.

53x, 54x, 55x. Readings in World Literature. Six hours credit. Mrs. Jensen.

57. Short Story Writing. Two hours credit. Osmond.

58x. The Modern Short Story. Three hours credit. Mrs. Jensen.

59x. Verse Writing. Two hours credit. Culmsee.

65. Recent Drama. Three hours credit. Pardoe.

76x. Tennyson. Three hours credit. Mrs. Jensen.

86-1x. The Poetry of Robert Browning. Three hours credit. Mrs. Jensen.

86-2x. Continuation of 86-1x. Three hours credit. Mrs. Jensen.

JOURNALISM

2x. Newswriting. Three hours credit. Culmsee.

52x. Feature Writing. Three hours credit. Culmsee.

FINANCE AND BANKING

51. Business Finance. Four hours credit. Clark.

52. Continuation of 51. Four hours credit. Clark.

53. Money and Banking. Four hours credit. Clark.

54. Investments. Four hours credit. Clark.

GEOLOGY AND GEOGRAPHY

1. Survey Course. Four hours credit. Hansen.

30. Geography of Economic Products. Five hours credit. Coffman.

80. Human Geography. Three hours credit. Hansen.

HISTORY

1x. History of Modern Europe, 1500-1680. Three hours credit. Snow.

2x. History of Modern Europe, 1680-1815. Continuation of course 1. Three hours credit. Snow.

3x. History of Modern Europe, 1815 to Present Time. Three hours credit. Snow.

10x or 11x. History of England. Three or six hours credit. Wilson.

18x or 51x. History of Civilization. Four hours credit. Snow.

20, 21, 22. American History. Nine hours credit. Jensen.

54x. Greek History. Three hours credit. Sperry.

HOME ECONOMICS

10x. Elementary Nutrition. Two hours credit. Barlow.
80. Household Administration. Three hours credit. Warnick.

MATHEMATICS

11. College Algebra. Five hours credit. Marshall.
12. Plane and Spherical Trigonometry. Five hours credit. Marshall.
49. Analytic Geometry. Five hours credit. Hales.
50. Differential Calculus. Four hours credit. Hales.
51. Integral Calculus. Four hours credit. Hales.

GERMAN

13x. Directed German Reading. Three hours credit. Prerequisite, ten hours of German. de Jong.
57x, 58x, 59x. Directed German Reading. Three hours credit for each course. Prerequisite, fifteen hours of German. de Jong.
67x. German Composition. Three hours credit. Prerequisite, eighteen hours of German. de Jong.

FRENCH

3x. Directed French Reading. Three hours credit. Prerequisite, ten hours of French. Cummings.
57x, 58x, 59x. Directed French Reading. Three hours credit for each course. Prerequisite, fifteen hours of French. Cummings.
67x. French Composition. Three hours credit. Prerequisite, eighteen hours of French. Cummings.

SPANISH

13x. Directed Spanish Reading. Three hours credit. Prerequisite, ten hours of Spanish. Cummings.
57x, 58x, 59x. Directed Spanish Reading. Three hours credit for each course. Prerequisite, fifteen hours of Spanish. Cummings.
67x. Spanish Composition. Three hours credit. Prerequisite, eighteen hours of Spanish. Cummings.

OFFICE PRACTICE

11-12. Gregg Shorthand. Eight hours credit.

31. Business English. Three hours credit.

PHYSICAL EDUCATION

77, 78, 79. Scoutcraft. (See Religious Education.) Six hours credit. Anderson.

PHYSICS

16. Descriptive Astronomy. Four hours credit. Hales.

21. Meteorology. Four hours credit. Hales.

PSYCHOLOGY

11. General Psychology. Five hours credit. Poulson.

21. Elementary Educational Psychology. Three hours credit. Dusenberry.

64. Applied Psychology. Four hours credit. Poulson.

74. Advanced Educational Psychology. Four hours credit Poulson. Prerequisite, three hours of Elementary Psychology.

RELIGIOUS EDUCATION

3x. Church History. Two hours credit. Wilson.

14. Genealogy. Two hours credit. Sudweeks.

19. Doctrine and Missionary Method. Two hours credit. Ivins.

20. History of Religious Propaganda. Two hours credit. Ivins.

66, 67. Old Testament History. Two or four hours credit. Martin.

77, 78, 79. Scout Leadership. Six hours credit. Anderson.

SOCIOLOGY

11-12 or 55-56. Elementary Principles of Sociology. Six hours credit. Nelson.

53. Rural Sociology. Three hours credit. Nelson.

SPEECH

1. Public Speaking. Three hours credit. Pardoe.

51. Advanced Public Speaking. Three hours credit. Pardoe.

72. Theory of Play Production. Three hours credit

ZOOLOGY AND ENTOMOLOGY

20. **Health Education.** Three hours credit. Hayward.
32. **Insect Classification.** Credit to be arranged. Tanner.
32x. **Apiculture.** Three hours credit. Wakefield.
79. **Eugenics.** Three hours credit. Tanner.
93. **Field Zoology.** Credit to be arranged. Tanner.

HIGH SCHOOL COURSES

ENGLISH

d. **A Study of the Types of Literature.** One unit credit.

GEOGRAPHY

a. **Economic Geography.** One unit credit. Coffman.

MATHEMATICS

a. **High School Algebra.** One unit credit. Jensen.
b. **Plane Geometry.** One unit credit. Coffman.
c. **Second Course in Algebra.** One unit credit. Jensen.
d. **Solid Geometry.** One-half unit credit. Marshall.

Training Schools

AMOS N. MERRILL, **Acting Dean of College of Education**
EDGAR M. JENSEN, **Director, Training Schools**
GENERAL SUPERVISORS:

- A. N. MERRILL, **Secondary Training**
- HERMESE PETERSON, **Intermediate Grades**
- EMMA BROWN, **Primary Grades**

SECONDARY SCHOOL FACULTY

GOLDEN L. WOOLF, **Principal**
C. LAVOIR JENSEN, **Junior H. S. Mathematics**
WM. F. HANSON, **Music**
*W. ELMO COFFMAN, **Mathematics and Science**
*HUGH W. PETERSON, **Science**
STELLA P. RICH, **English**
*MARGARET SWENSON, **Home Economics**
VIRGINIA BOOTH, **Home Economics**
BILLIE HOLLINGSHEAD, **Social Science**
FRED DIXON, **Physical Education**
EDNA SNOW, **Biology**
GOLDEN L. WOOLF, **French**
WILFORD D. LEE, **English**

ELEMENTARY SCHOOL FACULTY

HERMESE PETERSON, **Principal**
MAY C. HAMMOND
BARBARA MAUGHAN
GLADYS KOTTER
GEORGIA MAESER
HAZEL CLYDE WATKINS
FLORA D, FISHER
THELMA LUDLOW

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*On leave of absence.

ORGANIZATION AND PURPOSE

The Training Schools are organized on a kindergarten 6-3-3 basis; viz: a kindergarten, an elementary division, a junior and a senior high school.

Students enrolled in the training schools have all the advantages of the University plant such as the use of the libraries, gymnasiums, laboratories, shops, athletfields, auditorium, etc. These enlarged opportunities, with the advantages of expert teachers, make the training schools especially attractive and advantageous to students of elementary and high school age.

Provisions are made for promotions from grade to grade and from one division to another so that pupils may enter either the kindergarten or first grade and remain in continuous attendance until they are graduated from one of the colleges of the University. The educational welfare of the students is safeguarded by an enriched curriculum, in addition, provisions are made for moral and religious training every year the student is in attendance.

Pupils completing the first six grades are regularly promoted to the Junior High School. Here departmentalization begins permitting of variation in courses and a wide range of contact with expert instructors. Entrance to the Senior High School is based upon the completion of the courses outlined for the Junior High School. A maximum of four units plus one year of Theology credit will be allowed for ninth year work to count toward filling group requirements and towards graduation from the Senior High School for those pupils coming from schools which do not maintain a Junior High School.

Students will be graduated from the Senior High School upon completion of twelve units of work in the Senior High School. These twelve units of work must be secured during three years attendance in Senior High School and must include all the constants prescribed for each year and the sequence of courses prescribed in one of the four curricula. Students graduating from the "General Course," which alone meets definitely the college entrance requirements, must present the following group requirements (1) English, 2 units, (2) a Principal Group of 3 or more units, (3) a Secondary Group of 2 or more units.

Students are required to take the regular courses in physical education during residence at this school. Students are released from this requirement only upon statement of physical disability signed by a competent physician. Satisfactory grades in physical education courses are required for graduation; a maximum of one-half unit of credit may be counted toward graduation for these courses.

All students are required to register for Theology. Students who fail continually to do satisfactory work in their courses in any department will not be permitted to remain in classes.

HIGH SCHOOL ACTIVITIES

Under the direction of the regular teachers and the faculty committee, a full program of athletic and social affairs is provided for the junior and senior high school students.

The senior high school groups have regular social gatherings and recreational activities under faculty supervision and counsel. They have competitive activities in athletics, debating and public speaking, and essay writing. Each year the school produces a play or a musical program. The school is a member of the State High School Debating Association and the Utah High School Athletic Association. In addition to these opportunities for extra-curricular activity a regular High School Student Body organization is maintained with the various activities that naturally are sponsored by such organizations. The high school students have also the advantage of participation in the regular activities of the University student body life.

THE CURRICULA

Four curricula, or four groups of studies, are provided. As early as the ninth year and not later than the tenth year, pupils with the counsel of the parents and teachers, should make a choice of the group of studies (the curriculum) which they propose to pursue during the remaining years of high school study. This choice should be made with the definite intent of staying in that curriculum until graduation. Any marked deviation from recommended sequences in any given curriculum without very valid reasons will not be permitted. Transfer from one curriculum to another will delay graduation.

CREDIT

Those classes which require outside preparation which meet five days each week for full fifty minutes, and which continue for the full school year of 34 or 36 weeks of actual class work carry one unit of credit. In some cases students may transfer nine hours college credit for one unit of high school credit. The half-unit courses meet daily for half the year or two or three days each week with preparation, or meet daily with no outside preparation, and run throughout the year. There are no "quarters" in high school program as there are in the University.

Students who register late or who discontinue before the end of the school year can receive no higher grade than "Incomplete" until the required work of the course is completed. An incomplete grade carries no credit. Such a grade may be removed within one year and credit received.

SECONDARY TRAINING SCHOOL CURRICULUM

Junior High School

7th Grade

Subjects	Periods
English I	5
Geography	5
Mathematics I	5
Reading	2
Music	2
Sewing	2
Manual Training	2
Religion Class	2
Physical Education and Recreation	3

8th Grade

Subjects	Periods
English II	5
History	5
Mathematics II	5
General Science	3
Reading	2
Music	2
Cooking	2
Shop Work	2
Religion Class	2
Physical Education and Recreation	3

9th Grade

Subjects	Periods
English	5
Community Civics	3
Biology	5
Theology	2
Physical Education	3

Electives	Periods
French B	5
Plain Sewing	2

Art	..
Elementary Drafting	5
Theory of Music	3
Elementary Typing*	5
Algebra	5
Foods or Woodwork	2
Music	2

SENIOR HIGH SCHOOL

Constants (required subjects in all Curricula. Students must register for these subjects).

10th Grade	11th Grade	12th Grade
English B— 5 periods Theology B— 2 periods Physical Education	English C— 5 periods Theology C— 2 periods Physical Education	English D*— 5 periods Sociology and Economics— 5 periods Theology D— 3 periods

Curriculum Group Requirements

According to the curriculum or group of studies chosen to be followed by the student, the following are required subjects for graduation:

(1)

General Course

(Leads to College Entrance)

All Constants for the particular year 10th, 11th or 12th.

Algebra (unless taken in 9th Grade), or

Plane Geometry

American History or European History

Physics or Chemistry

(3)

Agriculture and Mechanics

All Constants for the particular year

Agriculture

Shopwork

Physics or Chemistry (preferably both)

Mechanical Drawing

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*Elective but highly recom

*Limited Registration.

(2)

Home-Making

- All Constants for the particular year
- Foods and Cooking
- Plain Sewing
- Dressmaking
- Home-Making
- Chemistry

(4)

Business

- Art
- All Constants for the particular year
- Accounting A
- Accounting B
- Shorthand
- Typewriting

Note: Curricula 2, 3, 4, will satisfy all requirements for graduation from the Senior High School. They may not meet college entrance requirements; curriculum 1 meets college entrance requirements.

Electives: Courses required in any curriculum group are open as electives to all other Senior High School students who have already met the constants requirements.

A recommended sequence of subjects in the general course, or curriculum (1), is as follows:

9th Year	**Periods**
English A	5
Algebra	5
Biology	5
Theology A	2
Physical Ed.	3

10th Year	**Periods**
English B	5
Geom. or Algebra	5
Theology B	3
Physical Ed.	3
History	5
Elective	2-5
Botany	5

11th Year	**Periods**
English C	5
Theology C	3
Physical Ed.	3
Physics or Geom.	5
Am. or Europ. Hist.	5
Elective	2-5
Botany	5

12th Year	**Periods**
English D	5
Theology D	3
Prob. Democ. or Civics	5
Physics or Chem.	5
Physical Ed.	3
Elective	3-5
Botany	5

SENIOR HIGH SCHOOL COURSES

Subject	Days	Classification	Year Taken	Credit
Grammar and Literature	5	Constant	10th	1 unit
Composition, Literature and Grammar	5	Constant	11th	1 unit
		Constant	12th	1 unit
Literature	5	Elective	10 to 12	1 unit
Dramtic Art	5	Elective	10 to 12	½ unit
Public Speaking	3	Elective	9 to 12	1 unit
French A	5	Elective	10 to 12	1 unit
Latin A	5	Gen. Course	10 to 11	1 unit
Spanish				
European History	5	Gen. Course	10 to 11	1 unit
Botany	5	Second Semester		½ unit
American History	5	Constant	12th	1 unit
Problems of Democracy	5	Gen. Course	9 to 12	1 unit
Algebra	5	Gen. Course	10 to 11	1 unit
Geometry	5	Several	10 to 12	1 unit
Physics	5	Several	12th	1 unit
Chemistry	5	Gen. Course	10 to 12	1 unit
Geography	5			
Physiology and Hygiene	3	Elective	10th	½ unit
Foods and Cooking	5	Homemaking	10 to 12	1 unit
Homemaking	2	Homemaking	11 to 12	½ unit
Plain Sewing	2	Homemaking	9 to 12	½ unit
Dressmaking	5	Homemaking	10 to 12	½ unit
Theory of Music	3	Elective	9 to 12	½ unit
Chorus	4	Elective	10 to 12	¼ unit
Orchestra	5	Elective	10 to 12	½ unit
Art	2	Elective	10 to 12	½ unit
El. Accounting	5	Business	10 to 12	1 unit
Adv. Accounting	5	Business	11 to 12	1 unit
El. Typewriting	5	Business	9 to 12	1 unit
Adv. Typewriting	5	Business	10 to 12	1 unit
Shorthand	5	Business	11 to 12	1 unit
Theology	3	Constant	10th	½ unit

Subject	Days	Classification	Year Taken	Credit
Theology	3	Constant	11th	½ unit
Theology	3	Constant	12th	½ unit
Physical Ed. (Girls)		Constant	9 to 12	
Physical Ed. (Boys)		Constant	9 to 12	
Woodwork A. B.	5	Agr. & Mech.	9 to 12	½ unit
Drafting A. B.	5	Agr. & Mech.	10 to 12	½ unit
Auto Mechanics	5	Agr. & Mech.	9 to 12	½ unit

Graduates 1934-35

MASTER DEGREES

Master of Arts

ANDERSON, H. DUANE..........Provo
A. B. Degree, B. Y. U., 1934.
Major: German.
Thesis—An English Translation of De La Motte Fouque's "Undine."

BENSON, MARIE DANIELSON..........Ogden
B. S. Degree, B. Y. U., 1929.
Major. English
Thesis—A Study of Mormon Poetry Published Between 1880 and 1900.

CLARK, GEAN..........Provo
A. B. Degree, B. Y. U., 1933.
Major: English.
Thesis—A Survey of Early Mormon Fiction.

COWLEY, WAYNE A.. ....Venice
A. B. Degree, B. Y. U., 1932.
Major: Physics.
Thesis—Effect of the Size of the Oil Drop on the Determination of NE from Brownian Movements.

HAYES, SHELDON P..........Provo
A. B. Degree, B. Y. U., 1934.
Major: Zoology.
Thesis—A Taxonomical, Morphological and Distributional Study of the Utah Cyprinidae.

KENNEDY, MARGARET J..........Las Vegas, New Mexico
B. L. Degree, University of Wisconsin, 1902.
Major: English.
Thesis—An Annotated Bibliography of New Mexico in Literature Exclusive of History and Poetry.

MERRILL, HARRISON J. ....Provo
A. B. Degree, B. Y. U., 1933.
Major: Physics.
Thesis—The Measurement of the Mass of Timpanogos Mountain by Means of Kater's Compound Pendulum.

MILLER, DAVID E..........Layton
A. B. Degree, B. Y. U., 1935.
Major: German.
Thesis—Heinrich von Kleist as a Nationalist.

OSMOND, WALDO L..........Salt Lake City
B. S. Degree, Utah State Agricultural College, 1924.
Major: English.
Thesis—Satiric Elements in the Works of Henry Fielding.

PARRY, ROLAND C. .... Ogden
A. B. Degree, B. Y. U., 1934.
Major: Theory of Music.
Thesis—The Influence of the Tritone on Contemporary Music.

WILLEY, ROY DEVERL .... Byron, Wyoming
B. A. Degree, University of Wyoming, 1929.
Major: Educational Administration.
Thesis—A Study of Some Factors Which May Affect any Program of School Consolidation in Big Horn County, Wyoming.

Master of Science

CONDON, DAVID DeLANCY .... Provo
B. S. Degree, B. Y. U., 1932.
Major: Geology.
Thesis—A Preliminary Study of the Social Economic Geography of Utah with Special Emphasis on the Tintic Mining District.

GOURLEY, DAVID .... Pleasant Grove
A. B. Degree, B. Y. U., 1915.
Major: Educational Administration.
Thesis—Some Factors Contributing to the Inequality of Educational Opportunity in the Alpine Consolidated School District in Recent Years, 1923-25 to 1934-35.

JONES, RULON A. .... Cedar City
B. S. Degree, B. Y. U., 1933.
Major: Philosophy of Education.
Thesis—The Contribution of Freemasonry to American Education.

MENZIES, CHARLES W. .... Provo
B. S. Degree, B. Y. U., 1933.
Major: Botany.
Thesis—Effects of Overgrazing on the Mortality of Desert Browse on the Utah West Desert.

NELSON, HAROLD S. .... Grace, Idaho
B. S. Degree, B. Y. U., 1930.
Major: Educational Administration.
Thesis—Costs of the Senior Seminaries of the Church of Jesus Christ of Latter-day Saints.

OLSEN, JOSEPH WILLIAM .... Moroni
B. S. Degree, Utah State Agricultural College, 1913.
Major: Religious Education.
Thesis—Biography of Erastus Snow.

BACHELOR DEGREES

COLLEGE OF APPLIED SCIENCE

A. B. Degree

Halliday, Naomi E.	American Fork
Jones, Maurine	Las Vegas, New Mexico
Winterton, Olive Ellen-	Provo
Worsley, Helen B.	Provo

B. S. Degree

Acree, Mary Bayles	Blanding
Broadbent, Mary	Heber
Calder, Helen	Vernal
Edwards, Clara	Charleston
Gamett, LaVell C.	Pleasant Grove
Harris, Madge	Payson
Hutchinson, Grant A.	Salt Lake City
Ingersoll, Leigh	American Fork
Ingersoll, Rex M.	American Fork
Jensen, Mamie E.	Provo
Johnson, Glen B.	Richfield, Idaho
Maughan, Mildred	Lava Hot Springs, Idaho
Merrell, William A.	Vernal
Murray, Lorna	Vernal
Nielson, Don B.	Mapleton
Nielson, J. Lewis	Spring City
Snell, Morris R.	Provo
Sowards, Josephine	Provo
Swenson, Martha	Spanish Fork
Swenson, Mildred W.	Pleasant Grove
Tew, Merlene	Springville
Waldram, Ruth	Sugar City, Idaho
Weight, Karl R.	Springville

COLLEGE OF ARTS AND SCIENCES

A. B. Degree

Alldredge, Weldon	Preston, Idaho
Anderson, Reed G.	Idaho Falls, Idaho
Armstrong, C. Harold	Ogden
Biddulph, Ruth H.	Rexburg, Idaho
Brockbank, Mark J.	Spanish Fork
Cox, Max B.	Fairview
Cox, Nellie	S. George
Dangerfield, Harold	Provo
Gee, Lynn L.	Pocatello, Idaho
Hacking, Reed G.	Provo
Hansen, Phil	Richfield
Hasler. J. William	Provo

Johnson, D. Elmer	Provo
Lund, Ellen B.	Brigham City
Merkley, Harold E.	Salt Lake City
Miller, David E.	Layton
Morgan, Helen E.	Moore, Idaho
Nicholes, Henry Joseph	Provo
Nisonger, Wm. Max	Provo
Nisson, Antone W.	Washington
Nuttall, Wilkins	Provo
Parker, Robert W.	Mount Airy, N. C.
Partridge, Lyman M.	Provo
Peterson, Howard	Provo
Peterson, Virgil V.	Pleasant Grove
Pitcher, Walter H.	Cardston, Alberta, Canada
Reynolds, Elizabeth W.	Salt Lake City
Root, Maurine Porter	Ogden
Seiter, Erika E.	Provo
Snell, Esmond E.	Provo
Sorenson, Allen B.	Spanish Fork
Swenson, Francis McLean	Provo
Van Wagenen, Fay E.	Provo
Vest, Niles	Payson
Walker, J. Harris	Raymond, Alberta, Canada
Washburn, H. Clyde	Provo
Willard, Roswell B.	Phoenix, Arizona
Wing, Sherman	American Fork
Wright, Glade	Hinckley
Young, Lloyd L.	Blanding

B. S. Degree

Bigler, Rex A.	Central, Arizona
Bone, George I.	Lehi
Callahan, W. Guy	Provo
Chandler, Jesse S.	Thatcher, Arizona
Christensen, Harold T.	Rexburg, Idaho
Clegg, Fred W.	Provo
Coburn, Oscar V.	Ogden
Earl, Alma LaVon	American Fork
Haws, J. William	Provo
Kartchner, Ray W.	Provo
McGuire, John H.	Provo
Magleby, LeGrande	Monroe
Mikkelsen, Soren P.	Echo
Reynolds, Levi	Provo
Spilsbury, LeGrande	Cedar City
Stephens, G. Sylvan	Provo
Sundwall, Katherine	Fairview
Taylor, Lamar A.	El Paso, Texas
Willey, Ivan	Byron, Wyoming
Wright, Donald	Pleasant Grove

COLLEGE OF COMMERCE

A. B. Degree

Ballard, Duane	Draper
Evans, Oakley S.	Anaconda, Mont.
Huffaker, Marshall E.	Murray
Jenkins, Ray L.	Springville
Ludlow, Albert T.	Benjamin
Smith, M. Foss	Snowflake, Arizona
Ungricht, Samuel La Verne	Salt Lake City

B. S. Degree

Alder, Don M.	Provo
Aldrich, Ray M.	Mt. Pleasant
Bishop, Duane	Delta
Blackwell, Harry	Pleasant Grove
Brady, Millard F.	Manassa, Colo.
Broadbent, Roy	Heber
Cannon, Kenneth L.	Salt Lake City
Decker, James B.	Bayfield, Colo.
Finch, Henry	Spanish Fork
Foster, Francis W.	American Fork
Geary, Elmo G.	Huntington
Gillespie, George S.	Tooele
Grow, Stewart L.	Provo
Hanks, Earl Wayne	Tooele
Hart, R. Kay	Idaho Falls, Idaho
Hutchinson, John Marvel	Salt Lake City
Ipson, Nello P.	Panguitch
Jameson, Karl M.	Price
Jones, Maurice	Provo
Jones, Rudger E.	Flushing, N. Y.
Morris, Helen Wave	Pocatello, Idaho
Schow, Elden Carlos	Lehi
Smith, Josephine A.	Salt Lake City
Swenson, Joseph C.	Provo
VanCott, LeRoy B.	Salt Lake City
Warner, Clifford E.	Spanish Fork
Webb, Lynn R.	Lehi
Wright, Lynne A.	Provo
Wilkinson, Glen A.	Ogden
Yates, Huish F.	Salt Lake City

COLLEGE OF EDUCATION

A. B. Degree

Callis, Laura	Salt Lake City
Clarke, Bertha E.	American Fork
Dahlquist, Mary	Provo
Forsyth, F. Howard	Cardston, Alberta, Canada
Hansen, Ruby Kelly	Provo
Lillywhite, John P.	Brigham City
Madsen, Neola E.	Provo
Mensel, Laura Marie	Provo
Robinson, Elma	Provo
Skinner, Lucille	Provo
Snell, Maude	Provo
Van Alfen, Nicholas	Ogden
Young, W. Ernest	Colonia Juarez, Chih., Mexico

B. S. Degree

Allred, Moreho	Lehi
Anderson, Herman L.	Magna
Anderson, James M.	Levan
Ashby, Orran T.	Leamington
Blight, Alexander	Eureka
Boyer, Helen	Springville
Call, Lorna	Col. Dublan, Chih., Mexico
Christensen, Evan C.	Aurora
Christensen, Stanley W.	Salt Lake City
Clark, Ruth	Parowan
Coombs, Dora	Fairview
Corbett, Pearson H.	Ferron
Cropper, Wayne	Deseret
Dimick, Cecil I.	Mohrland
Dudley, Lyndon	Spanish Fork
Ekins, Virginia L.	Provo
Fillmore, Belle	Richfield
Fjeldsted, E. LaBarth	Helper
Frazier, Verness White	Oakley
Gee, Ivin L.	Rexburg, Idaho
Graff, Marvin H.	Santa Clara
Grotegut, LaMar	Spanish Fork
Hanks, C. Lynn	Salem
Hansen, Zula	Bear River City
Hatch, Maurine Gourley	Pleasant Grove
Homme, Roy	Outlook, Mont.
Huffaker, Ruth	Murray
Iverson, H. Martin	Washington
Johnson, Guy A.	Payson
Johnson, Joseph F.	Murray
Johnson, Ina G.	Provo

Johnston, Irene	American Fork
Jones, Blanche B.	Spanish Fork
Jones, Etta	Provo
Keeler, Essie R.	Provo
Knudsen, Ida	Provo
Leavitt, Vivian	Santa Clara
Lund, Catherine Richards	Malad, Idaho
Lund, Leon G.	Fountain Green
Merrill, David Mariner	Provo
Millet, G. Wayne	Mesa, Ariz.
Neilson, Inez Hales	Provo
Nielson, R. Lamont	Roosevelt
Olsen, Beatrice O.	Midvale
Perry, Asahel A.	Provo
Ratcliffe, William, Jr.	Provo
Reece, Madge	Payson
Ricks, Mary McKinlay	Rexburg, Idaho
Robinson, Phyllis	Provo
Robinson, Ruth	Provo
Simmons, Dean	Payson
Skinner, Grace	Beaver
Smith, Marjorie	Provo
Snyder, Theron T.	Payson
Spalding, Ardyth	Provo
Starr, Pearl	Springville
Taylor, Ada	El Paso, Texas
Warner, Max	Provo
Waters, J. Vaur	Spanish Fork
Webb, John H.	Lehi
White, Josephine	Beaver
Whitman, Jay	Lehi
Williams, Fenton L.	Roosevelt
Wilson, Jesse E.	Payson

COLLEGE OF FINE ARTS

A. B. Degree

Bird, Margaret	Springville
Christenson, Phil	Provo
Clark, Mary	Ogden
Cox, C. Dee	Blackfoot, Idaho
Crane, Joseph W.	Salina
Freestone, Norman Wm.	Mesa, Ariz.
Halliday, John R.	Pleasant Grove
Houston, Irene	Panguitch
Jorgensen, Eugene	Price
Judd, Myles E.	St. George
McKinnon, Thelma	Price
Packard, Hannah C.	Provo
Spencer, Alice	Paris, Idaho

Stowell, Edna M.	Rexburg, Idaho
Whitman, Lawrence S.	Grand Junction, Colo.
Wood, Merrill E.	Farmington
Yarbrough, Maurine	Ogden

B. S. Degree

Foulger, Walton Evans	Ogden
Hatch, Harmon R.	Spanish Fork
Olsen, Donald P.	Provo
Peterson, Orson W.	Castle Dale
Reeve, Olive Snow	St. George
Taylor, Margaret	Salt Lake City

COLLEGE OF EDUCATION

THREE-YEAR NORMAL DIPLOMAS

Benedict, Lenora J.	Las Vegas, Nevada
Boberg, Afton	Draper
Christensen, Ruby	Lehi
Cox, Ruby	Provo
Dix, DeVaun	Provo
Farrar, Helen A.	Sandy
Glover, Edna May	Sandy
Hansen, Ruby	Vernal
Naegle, Pearl	La Sal
Parkes, Vera Deane	Nephi
Sterling, M. Helen	Provo
Wheeler, Helen	Springville
Whitock, Mildred	Mayfield
Zumbrunnen, Naomi V.	Coalville

GRADUATES WITH HIGH HONORS

Ballard, Duane
Bidulph, Ruth H.
Christensen, Harold T.
Evans, Oakley S.
Finch, Henry
Foster, Francis W.
Johnson, D. Elmer
Ratcliffe, William, Jr.
Skinner, Lucille
Snell, Esmond E.
Sorensen, Allen B.
Winterton, Olive E.

GRADUATES WITH HONORS

Broadbent, Roy
Calder, Helen
Clarke, Bertha E.
Halliday, Naomi
Johnson, Irene
Jones, Maurine
Mensel, Laura M.
Merrill, Davil M.
Nicholes, Henry Jos.
Smith, Marjorie
Spencer, Alice
Sundwall, Katherine
Wood, Merril E,

Enrollment of Students

1934-35

In the following list "a" stands for arts and sciences; "ap" for applied science; "c" for commerce; "e" for education; "fa" for fine arts; "ss" for summer school; "G" for graduate; "S" for senior; "J" for junior; "So" for sophomores; "F" for freshman; "Un" for unmatriculated; and "Sp" for special.

Aagard, Burnell, c-S..Fountain Green
Aagard, Laurel, ss-ap-J.........Fountain Green
Abegg, Eli, e-Un........Tucson, Arizona
Acord, Irma, ss.........Provo
Acree, Thomas M., e-F.........Blanding
Adair, J. Smith, ap-J.........Provo
Adams, D. Stanley, ss.........Sandy
Adams, R. Carlyle, e-F.........Delano, California
Adams, Milo J., fa-J......Spanish Fork
Adams, Weston, fa-F.........Bunkerville, Nevada
Aiden, Velda J., e-F........Spring City
Albrecht, Clarence J., ss........Fremont
Alder, Don M., c-S.........Provo
Alder, Ralph J., ss-a-So.........Provo
Aldrich, Clair M., a-S....Mt. Pleasant
Aldrich, Ray, ss.........Mt. Pleasant
Alexander, LaRay, a-So.........Spanish Fork
Alexander, Mary B., ss......Panguitch
Alexander, Matilda, ss........Panguitch
Alldredge, Donald J., a-So.........Preston, Idaho
Weldon, E., a-s.........Preston, Idaho
Alleman, Jane, ss.........Springville
Alleman, Karl, ap-So.........Springville
Alleman, Max, a-F.........Springville
Allen, Gene E., c-F......Salt Lake City
Allen, Genevieve M., a-Sp.........Provo
Allen, J. E. Jr., c-Sp.........Provo
Allen, Joseph K., G.........Provo
Allen, Myrth, e-J.........Provo
Allen, Marvin M., a-F........Charleston
Allen, Nathan D., a-So........Roosevelt
Allen, Polile L., ss.........Malad, Idaho
Allred, Dee, ap-F.........Roosevelt
Allred, Elwood B., ss..Shelley, Idaho
Allred, Huitau, ap-So.........Lehi
Allred, Iris F., e-So.........Provo
Allred, John E., a-F.........Talmage
Allred, Lark, a-F.........Paris, Idaho
Allred, Lee W., ss.........Spring City
Allred, Mark E., a-So.........Lehi
Allred, McKay C., a-F.........Provo
Allred, Moreho V., ss-e-S.........Lehi
Allred, Theras I., a-J.........Provo
Alsop, Deane H., fa-F.........Murray
Amaru, Wi Pere K., ss.........Tolaga Bay, New Zealand
Anderson, Ann L., e-F..Border, Wyo.
Anderson, Archibald H., ss.........Mt. Pleasant
Anderson, Berniece I., fa-F......Provo
Anderson, Beth, c-F.........Morgan
Anderson, Clarence, a-So.........Mt. Pleasant
Anderson, Clyde, ap-J.........Moroni
Anderson, De Von, ap-F..Orangeville
Anderson, Dwight S., a-F........Monroe
Anderson, H. Dwane, G.........Provo
Anderson, Edna S., e-F....Span. Fork
Anderson, Ellen, c-F.........Provo
Anderson, Elvin, c-Sp.........Provo
Anderson, Ethel, e-F.........Elsinore
Anderson, Evan R., a-J........Ephraim
Anderson, Floyd, fa-F.........Magna
Anderson, Frank B., fa-Sp.........Rexburg, Ida.
Anderson, George M., e-J........Moroni
Anderson, Glade L., a-F.........Spanish Fork
Anderson, Hazel, fa-J........Springville
Anderson, Helena C., e-So....Fairview
Anderson, Herman L., ss-e-S..Magna
Anderson, Ivan, e-F........Shelley, Ida.
Anderson, Jack M., c-F.........McKinnon, Wyo.
Anderson, James M., ss.........Levan
Anderson, Jennie, ss.........Provo
Anderson, June, fa-Un......Mesa, Ariz.
Anderson, Leland E., ss.........Manti
Anderson, Norma, e-J.........Riverdale
Anderson, Rae E., fa-F..Mt. Pleasant
Anderson, Ralph W., c-J........Elsinore
Anderson, Reed G., a-S.........Idaho Falls, Ida.
Anderson, Reed W., e-F..Shelley, Ida.
Anderson, H. Reese, a-J..Mt. Pleasant
Anderson, Rosetta, fa-F..Span. Foork
Anderson, Theresa, c-Un.........Provo
Anderson, Victor C., ss.........Provo
Anderson, William B., a-F.........Colorado Springs, Colo.
Andrews, Max S., c-So.........Provo
Andrus, Grant M., ss........Ucon, Ida.
Armstrong, C. Harold, ss-Sp....Ogden
Arnold, Marion A., a-So.........Evanston, Wyo.
Arnold, Oscar F., c-F.........Coalville
Arnoldus, Ann M., fa-F.........Thermopolis, Wyo.
Arnoldus, Vernon J., fa-F.........Thermopolis, Wyo.
Asay, Bert, a-So.........Lavell, Wyo.
Ashby, Bonna S., a-F.........Am. Fork
Ashby, Eda A., fa-So.........Am. Fork
Ashby, Martha, e-So......Spanish Fork
Ashby, Melvin J., a-So ...Farmington

Ashby, Orran T., e-S........Farmington
Ashby, Wm. C., a-J........Am. Fork
Ashcroft, Clarcia, e-So....Eagar, Ariz.
Ashton, Helen H., e-F..Salt Lake City
Ashworth, Philip M., a-F........Provo
Atkinson, Frank D., a-F........Kamas
Atkinson, Luella, e-F........Garland
Atwood, Millen, a-F........Charleston
Aycock, Mulford H., c-F........Vernal
Aylett, Lenora, c-F........Midvale
Aylett, Orgill E., c-J........Riverton
Astin, Myrle, Sp........Salt Lake City
Babcock, James Evan, ap-F........Mt. Emmons
Baggett, Beulah M., e-F......Buhl, Ida.
Bagley, Vera, e-So........Provo
Bagwell, La Vere N., ap-F........Manassa, Colo.
Bahr, Francis B., a-So........Idaho Falls, Ida.
Bailey, Gilbertt C., ap-F........Nephi
Bailey, Lucile, ap-J........Mantti
Bailey, Thell A., a-F....Sanford, Colo.
Bailey, Wanda, ap-So........Escalante
Baker, Grant W., fa-F........Magna
Baker, Kenneth W., a-So........Baker, Nev.
Baker, Lee H., a-F........Milford
Baldwin, Hugh, a-F........Payson
Baldwin, Luther Wm., e-So........Afton, Wyoming
Ball, Phyllis, c-J....Soda Springs, Ida.
Ball, Lida A., c-Un........Provo
Ballard, Duane O., c-S........Draper
Ballard, Howard A., a-F........Draper
Balle, Harry Reed, e-J........Glenwood
Ballif, Algie E., G........Provo
Ballif, Ariel S., ss........Menan, Idaho
Ballif, Florus, ss-G........Provo
Balls, Harold G., e-F........Soda Springs, Ida.
Balls, Vernon, e-F........Soda Springs, Ida.
Banks, Junius, ss-G........Lehi
Bastian, Irene, a-Sp........Aurora
Bandley, Homer R., a-F........Provo
Bandley, Marion K., c-F........Provo
Banks, Earl, a-F........Lehi
Banks, W. Merrill, e-F........Grace
Banner, Laura, e-So........Springville
Barber, Bud, c-F........Provo
Barclay, Bruce G., a-F........Blackfoot, Ida.
Barlow, Francis, e-F......Grouse Creek
Barlow, Wilma, fa-F........Idaho Falls, Ida.
Barnett, Maurice C., e-F........Nephi
Barnett, Wilmer L., e-So........Nephi
Bartholomew, Calvin H., e-F........Fayette
Bartholomew, Virga, a-So..Springville
Bartholomew, Levi G., ss......Ephraim
Barton, Gerald B., a-F........Greenville
Barton, Cullen J., c-J........Beaver
Barton, Margaret, e-J........Beaver
Bartonek, Cloyd O., ss-G........Ogden
Bateman, June B., e-F....Rupert, Ida.
Bateman, Lucy B., ap-F..Rupert, Ida.
Bates, Paul W., fa-F........Provo
Batty, Vance J., a-J........Wallsburg
Baum, Newell H., a-Sp........Provo
Baxter, Elwood, ss......Pleasant Grove
Bayles, Mary, ap-S........Blanding
Bean, Bryan, ss........Eureka
Bean, Delbert I., a-J........Price
Bean, Max M., a-F........Teton, Idaho
Bean, Ruby, ss-e........Sugar City, Ida.
Beardall, Anna, ss........Springville
Beck, Clayton J., ss........Ephraim
Beck, Jay V., G........American Fork
Beck, Milton J., a-J........Payson
Becker, Teut, a-J........Bend, Oregon
Beckstead, Oral A., ss........Midvale
Beckstrand, Melvin H., ss......Meadow
Beckstrum, Clarence A., a-F........Benjamin
Bee, James Wm., a-So........Provo
Bee, Lawrence S., a-S........Provo
Beebe, Lila E., ap-Sp........Provo
Beighle, Vea R., ss....La Jolla, Calif.
Bell, Margaret, a-F........Spanish Fork
Belliston, Gerald T., c-F........Nephi
Belnap, Dixie, c-F........Rupert, Ida.
Bench W. Dean, ss-e-Sp........Mohrland
Bench, Rees E., ss-G........Provo
Benedict, Lenora J., e-J........Las Vegas, Nev.
Bennett, Barta, ss........Holden
Bennett, Faun A., ss........Deseret
Bennett, C. Leslie, ss-G........Hinckley
Beniams, Herman N., G........Provo
Bennett, Carol, a-So........Provo
Bennett, Helen, fa-So..Salt Lake City
Bennion, Lowell S., ap-J........Benmore
Bennion, Marinda, ap-J........Murray
Benson, Marie D., G........Ogden
Benson, Max L., c-F....Moreland, Ida.
Benson, Ross D., a-F....Whitney, Ida.
Bentley, LeRoi C., ss........Tooele
Benton, Bill E., e-So......Delano, Calif.
Benton, Jim E., e-So....Delano, Calif.
Berge, Glen E., ap-So........Payson
Bergesen, Allan C., e-J........Salt Lake City
Berkman, Arthur E., e-So........Heber
Berrett, Maurice A., G........Ogden
Berrett, Veda, ss........Salt Lake City
Berrett, Wm. E., ss........Kanab
Berry, Esther, c-F........Provo
Berry, Lee H., c-F........Phoenix, Ariz.
Berry, Wanda B., ap-F..Cedar Valley
Bertoncelj, Molly Frances, e-So........Provo
Best, Stanley E., ss......Sanford, Colo.
Bestelmeyer, Marie, c-F........Provo
Bezzant, Evelyn R., ap-F........Pleasant Grove
Biddulph, Floyd, G........Provo
Biddulph, Clyde, a-J........Provo
Biddulph, Reed, a-J........Provo
Biddulph, Ruth H., Sp..Rexburg, Ida.
Bigelow, Margaret M., ss, ap-Sp........Provo
Bigelow, Erwin G., a-F........Panguitch
Bigler, Rex A., a-S........Central, Ariz.
Bigelow, Maurine V., c-F........Provo

Bigelow, Percival P., ss-ap-Sp....Provo
Billings, Clarence M., ss....Salt Lake City
Bingham, Afton, c-So....Span. Fork
Bingham, Arnold R., ap-F....Weston, Ida.
Bingham, Owen W., fa-S....Morgan
Bingham, Sanford M., a-J..Am. Fork
Binks, Melpha, ap-F....Springville
Binns, Ellen ap-J....Am. Fork
Bird, Eunice Elizabeth, ss-G....Provo
Bird, George R., a-F....Springville
Bird, Josephine S., ss....Provo
Bird, Marcell W., fa-J....Mendon
Bird, Margaret, fa-S....Springville
Bird, Roberta W., fa-So....Iona, Ida.
Bischoff, Ada, a-So....Lovell, Wyo.
Bischoff, Royal J., ap-F..Lovell, Wyo.
Bishop, Duane, c-S....Delta
Bishop, Verdell R., c-J....Delta
Bissell, Harold J., G....Springville
Bissell. Ziska N., a-F....Payson
Bjerregaard, George W., c-S....Provo
Black, Elmo C., a-F....Antimony
Black, Golden H., ss....Delta
Black, Guss P., e-F....Sandy
Black. Karl G., a-F....Provo
Black, Orin, e-So....Sandy
Black, Paul, ap-F....Lovell, Wyo.
Black, Shirl W., a-F....Provo
Blackett, Fred R., a-F....Springville
Blackham, Sheril J., c-F....Castle Dale
Blackwell, Harry, c-S....Pleasant Grove
Blackwell, Virginia C., a-J....Spanish Fork
Blight, Alexander, ss-Sp....Eureka
Bloomfield, George Wm., c-F....Shiprock, New Mexico
Bloomfield, Monti G., a-F....Toadlena, New Mexico
Bloomfield, Owen F., ap-J....Kirtland, New Mexico
Boberg. Afton. e-J....Draper
Bodily, Gerald D., a-J....Preston, Ida.
Bodily, Pauline, e-F....Preston, Ida.
Bohman. Proctor J., e-So....Monroe
Bond, William J., ss-G....Heber
Bone, George I., a-S....Lehi
Bonnett, Ann. e-So....Provo
Booth. Virginia, ss-G....Provo
Booth, Wilson, a-J....Provo
Borg. Glen M., c-So....Sandy
Bosh, Merie A., ss....Levan
Bourne, Evelyn, c-Sp....Provo
Boswell, Joseph L., e-F....Nephi
Bowen, Grant R., G....Salt Lake City
Bowen, Lora K., ss....Spanish Fork
Bowen, Mark D., c-F....Spanish Fork
Bowen, Shirley, a-So....Spanish Fork
Bowen, Wayne L., c-F..Spanish Fork
Bower, Helen L., a-J....Provo
Bowler, Grant, e-J..Bunkerville, Nev.
Bowles, Catherine, e-So....Nephi
Bowles, Virginia, e-ss....Nephi
Bowman, Dorothy, c-F....Beaver
Bowman, Lorraine, ss-fa-So....Provo
Bowman, Marion R., c-So....Provo
Bowman, William J., c-F....Richfield
Bown, Emma L., a-F....Provo
Bown, Max D., a-F....Provo
Bown, Myron Smoot, a-So....Provo
Boyack, Bert A., ap-F....Spanish Fork
Boyack, Clifton D., fa-J....Delta
Boyack, Halden, c-So....Delta
Boyce, La Rue, c-So....Provo
Boyce, Paul E., ap-Sp....Provo
Boyden, Orlene M., c-Sp....Provo
Boyer, Helen e-ss....Springville
Boyer, Louise May, e-F....Salt Lake City
Boyer, Margaret, fa-J....Provo
Brunt, Zona, a-So....Idaho Falls, Ida.
Brust, Charles K., a-F....Los Angeles, Calif.
Bryner, Louis Porter, ap-J....Helper
Buchanan, Afton, fa-So....Venice
Buchanan, Clarence E., fa-Un....Venice
Buchanan, Edna, e-So....Blackfoot, Ida.
Buchanan, Elmo D., a-F....Venice
Buckley, June, a-F....Rock Springs, Wyo.
Buckley, Margaret L., a-So....Provo
Buggert, Anneliese, a-So....Provo
Bullock, Cecil I., ss-c-So....Pleasant Grove
Bullock, Thomas S., a-F....Provo
Bunderson, Grant a-J....Mayfield
Bunderson, Mary L., ap-J....Brigham City
Bunker, Ardyce, ss..Bunkerville, Nev.
Bunker, Kenneth A., a-F....Delta
Bunker, Lottie, c-F....Delta
Bunnell, Elvin, G....Provo
Burch, Jenny, c-F....Pleasant Grove
Burch, Leone, c-Sp....Pleasant Grove
Burgess. Rass C., fa-F....Alpine
Burr, Gerald D., ap-Sp....Provo
Burr, Virginia, c-So....Provo
Burton, Clara, e-F....Salt Lake City
Burton, Jack E., ap-J....Provo
Burton, Janet, c-F....Talmage
Burton, May, ss....Kenilworth
Bush, Emma, ss....Pleasant Grove
Butler, Eldren L., fa-F....Trenton
Butler, Durwood S., a-So....Driggs, Ida.
Butler, Larene, c-F....Trenton
Butles, Oral C., Sp....Provo
Butterfield, Ellis, a-So....Riverton
Butterfield, Vilate, e-F....Riverton
Buttle, Leland B., ss-G....Provo
Bybie, Barney C., a-F....Trenton
Bybee, Fay, fa-F....Stockton, Calif.

Cahoon, Kenneth G., e-F....Deseret
Calder, Helen, ap-S....Vernal
Calderwood, Wm. Earl, ss....Henefer
Caldwell, Arnasa C., ss....Jensen
Caldwell, Thomas E., ss....Vernal
Call, Ben E., fa-So....Brigham City

Call, Crafton W., fa-F..........Salt Lake City
Call, Don C., a-F..........Brigham City
Call, Fulvia, a-F..........El Paso, Texas
Call, Ivan L., e-ss..........Afton, Wyo.
Call, Lorna, e-S..........Col. Dublan, Chih., Mexico
Call, Vee W., c-So..........Bountiful
Callahan, Wm. Guy, ss-A-S..........Provo
Callahan, Nanieve Owens, a-So..........Provo
Callahan, Sterling, c-So..........Provo
Callan, Mary, a-F..........Preston, Ida.
Callis, Laura, e-S..........Salt Lake City
Callis, Pearl, a-So..........Salt Lake City
Campbell, Elbert K., e-F....Hurricane
Campbell, Elvera, e-F......Rupert, Ida.
Candland, Helen, ss-G..........Provo
Canning, Alfred C., ap-F..........Midvale
Cannon, Anthon S., ss......Farmington
Cannon, Hugh S.,c-J..........Farmington
Cannon, Jean G., ap-F..........Salt Lake City
Cannon, Kenneth L., c-S..........Salt Lake City
Card, Eldon J., c-So..........Cardston, Alta., Canada
Carlile, Maurine, e-So..........Kamas
Carlile, Rulon G., fa-F......Heber City
Carling, Otis G., ss..........Provo
Carlson, John W., G..........Ogden
Carlston, Beulah F., fa-F....Fairview
Carmichael, Montgomery T., ss..........Coalville
Carr, Russell A., c-So..........Auckland, New Zealand
Carr, William C., G..........Auckland, New Zealand
Canter, Morval E., ap-So..........Lehi
Carter, Wesley, ap-F..........Lehi
Carver, Ruth W., a-So..........Ogden
Cazier, Ethel M., a-J..........Ogden
Chadwick, Barratt M., c-So..........American Fork
Chamberlain, Royal R., G..........Provo
Chandle, Jesse S., a-S..........Thatcher, Ariz.
Charlesworth, Bernice, c-F..Richfield
Chase, Evelyn, a-Sp..........Provo
Chatterton, Don B.,fa-F..........Preston, Idaho
Chatwin, Gilbert, c-J..Salt Lake City
Checkets, Narine, e-J..........Bear River City
Cheel, Chester W., ss....Preston, Nev.
Cheel, Wm. Albert, ss..........Oasis
Cheney, Silas L., ss..........Kamas
Cheever, Rose E., e-F..........Payson
Cheever, Winslow S., c-F..........Provo
Childs, Gilbert E., fa-ss..........Provo
Childs, Helen, fa-So...Baucroft, Ida.
Chilton, Glen, ap-F..........Lehi
Christensen, Arthur C., a-So..........Mohrland
Christensen, Blake W., ss-a-J..........Idaho Falls, Idaho
Christensen, Cleophia E., ss...Moroni
Christenson, Don G., a-F..........Fayette
Christensen, Evan C., ss-Sp....Aurora
Christensen, Fern., fa-So......Richfield
Christensen, Glen A., c-J..........Salem
Christensen, Harold T., a-S..........Rexburg, Idaho
Christensen, Horace J., a-F......Provo
Christensen, Ione, ss..........Redmond
Christensen, La Verl, e-J..........Hinkley
Christensen, Leon N., c-S..........Brigham City
Christensen, Mae, c-So..........Richfield
Christensen, Marion, fa-Sp..........Nephi
Christensen Maza, fa-So..........Richfield
Christensen, Muriel, ss..Spanish Fork
Christensen, Opal, fa-S..........Redmond
Christensen, Paul D., ap-So..........American Fork
Christensen, Phil, fa-S..........Provo
Christensen, Phyllis, a-F....Robin, Ida.
Christensen, Rowena, e-So..........Provo
Christensen, Ruby, e-J..........Lehi
Christensen, Stanley W., e-S..........Salt Lake City
Christiansen, Harold, fa-F....Mayfield
Christiansen, Herbert, a-F..........Provo
Christiansen, La Moine B., e-J..........Monroe
Christofferson, Grant P., ap-J..........Lehi
Christofferson, Ivey C., e-F..........Lehi
Clark, Albert D., a-F..........Provo
Clark, Allie W., a-Sp..........Provo
Clark, Beck C., a-F..........Afton, Wyo.
Clark, Bill, a-F..........Provo
Clark, Cecile ss..........Provo
Clark, Coy J., c-F..........Beaver
Clark, Ernest R., ss..........Afton, Wyo.
Clark, Ezra T., c-So..........Bountiful
Clark, Gean, G..........Provo
Clark, Harlan, fa-F..........Morgan
Clark, Harry Wm., Jr., a-F....Helper
Clark, Heber D., ss..........Grantsville
Clark, Helen B., G-ss..........Logan
Clark, James R., a-J..........Grantsville
Clark, John W., ap-F..........Lehi
Clark, Lucius, ss......Idaho Falls, Ida.
Clark, Mary, fa-S..........Ogden
Clark, Maurine, e-So..Mesa, Arizona
Clark, Richard H., c-So..........Provo
Clark, Ruth, e-S..........Parawan
Clark, Walter J., a-So..........Berkeley, California
Clark, Winona H., e-Sp..........Provo
Clarke, Bertha E., e-S..........Am. Fork
Clarke, Helen D., ss..........Am. Fork
Clarke, John L., G-ss..........Am. Fork
Clayson, Ann, fa-J......American Fork
Clayson, Eli K., a-J....American Fork
Clayson, Joe H., a-So..........Am. Fork
Clayson, Merrill D., ss..........Salt Lake City
Clayton, Maurice J., a-F..........Midvale
Clegg, Afton E., ss-a-F..........Provo
Clegg, Fred W., ss-a-S..........Provo
Clegg, Lowell F., a-F..........Heber City
Clinger, Morris M., ss-G..........Provo

Cloward, Blake H., c-Un..........Monroe
Cloward, Dell R., c-F..............Monroe
Clyde, Glenna, e-F..............Heber City
Coburn, Oscar V., ss-Sp............Ogden
Coffman, W. Elmo, G..........Springville
Cole, Glenda, c-F............Paris, Idaho
Cole, Sybil, ap-F................Paris, Idaho
Coleman, Edna M., e-J............Midway
Coleman, Edna M., e-J............Midway
Coleman, Leila V., e-J..........Teasdale
Coleman, Martha, e-F..................Provo
Coleman, Maud T., fa-F........Midway
Collett, Edna, e-F.........................Vernal
Collier, Vernon, fa-Un..............Vernal
Collins, Reed E., ss.......................Provo
Colton, Charles H., ss-A-Sp........Provo
Colton, Lorna, e-F.........................Provo
Colton, Ray, e-J..............................Vernal
Colton, Glade B., a-J................Vernal
Colton, Ruth, e-So..................Roosevelt
Colvin, Harold, G...........................Provo
Comer, Nola M., c-So......................Lehi
Conder, Vera H., G.......................Provo
Condie, Eulalia, a-F............Springville
Condie, Marguerite S., ss-a-S....Provo
Condon, David D., Sp...................Provo
Conover, Hattie H., fa-Sp..........Provo
Conrad, Thelma, c-Sp..........................Bowtsland, Alta, Canada
Cook, Alice, ap-F.........................Tridell
Cook, Carl, ss..................................Provo
Cook, Evelyn, ap-F........Cedar Valley
Cook, Fon, a-F...............Cedar Valley
Cook, Jacob, ap-F..................Roosevelt
Cook, Laverle, a-So.....................Vernal
Cook, Vera C., ap-F......Cedar Valley
Cook, Wayne, a-So......Salt Lake City
Cooley, Ida M., ap-F................Midvale
Cooley, Melissa J., ap-F..........Midvale
Coombs, Dora, e-S..................Fairview
Coombs, Esther, ss..................Fairview
Coombs, Mark V., ss.....................Logan
Cooper, Louise, ap-F................Murray
Cooper, Robert P., a-F................Provo
Cope, Melba, fa-So..................Richfield
Corbett, Pearson H., Sp............Ferron
Corry, Kent, a-J..................Cedar City
Cottam, Ahna, a-J................St. George
Cottam, Earl B., G..........................Provo
Cottom, Howard R., ss-G..........Provo
Cottam, Ina, a-Sp................St. George
Cottam, Katherine S., fa-Sp......Provo
Cottam, Naomi, a-J.............St. George
Cottam, Rulon, G................St. George
Cottam, Thelma, e-J............St. George
Cowan, Christine J., e-J....Span. Fork
Cowan, Reed F., c-J..................Payson
Cowan, Thomas R., a-So..............Nephi
Cowley, Jessie, c-F....................Venice
Cowley, Thora A., e-F................Venice
Cowley, Wayne A., G ....Venice
Cox, Dee., fa-S............Blackfoot, Ida.
Cox, Helen M., fa-Sp....................Provo
Cox, Max B., a-S.....................Fairview
Cox, Nellie, ss-a-S................St. George
Cox, Ruby, ss-e-J..........................Provo
Cox, Ruth J., ap-Sp.............Fairview
Cox, Wm. A., G.............................Provo
Crandall, Hart, a-F.......................Provo
Crandall, Harvey L., Jr., c-J.......................................Driggs, Idaho
Crandall, Lowell W., c-F..Springville
Crandall, Sterling M., c-F..Springville
Crane, Brig, c-So....................Herriman
Crane, Joseph W., fa-S.............Salina
Crane, Norma, c-Sp ....Provo
Crane, Reed J., c-J................Riverton
Crane, Ruth L., e-J.........................Provo
Crane, Virginia W., ap-F............Provo
Cranney, Doyle W., a-F..................................Auburn, Wyoming
Cranney, Hattie E., e-F...................................Auburn, Wyoming
Crapo, Margaret, a-F..................Nephi
Crawford, George L., ap-F......Magna
Creer W. Edward, G........Span. Fork
Croft, Merrill, W., e-J................Provo
Crockett, Lorna, ss......................Ogden
Croft, Inez, ss.................................Provo
Cropper, Wayne, ss-Sp............Deseret
Crosby, Lena, ap-Un....................Provo
Crosby, Mary, a-F........................Provo
Crosby, Melvin S., a-F....Eagar, Ariz.
Crosby, Vivian, e-Un....................Provo
Crosby, Samuel W., a-J......St. George
Crowley, Afton M., fa-F...............................Idaho Falls, Idaho
Crowley, Elmer S., fa-So..............................Idaho Falls, Idaho
Crowther, R. Eldon, G...............Provo
Crowther, Margaret, ap-F...............................Malad City, Idaho
Crowton, David M., c-Un.......................................Salt Lake City
Crowton, Ralph E., c-F.......................................Salt Lake City
Cullimore, Odessa A., ss-a-Sp....Provo
Culmsee, Edna Ball., G..............Provo
Cummard, Eva, c-F......Mesa, Arizona
Cummings, Lettie R., ss............Provo
Cummings, Richard F., ss-a-So..Provo
Curtis, Roene, c-F........................Provo
Cutler, Carlos P., a-So....Lovell, Wyo.

Dahle, William, c-F........Spanish Fork
Dahlquist, Carlyle, a-F................Provo
Dahlquist, Hal T., a-Un..............Provo
Dahlquist, Mary, ss-a-S................Provo
Dalley, Marx S., ss..................Summit
Dalley, Winell, ss......................Summit
Dalton, Caroline, e-F..............Parowan
Dalton, John C., a-J.........................Price
Dame, Bonnie, c-Sp................Fillmore
Dana, Loral C., ss........Mesa, Arizona
Dana, Naomi, ss............Mesa, Arizona
Dana, Ruth W., ss........Mesa, Arizona
Dangerfield, Harold, ss................Provo
Daniell, Charles B., a-F.................................. Seminole, Texas
Daniels, Phyllis, fa-F............Roosevelt
Danvers, Jean, e-J.......................Ogden
Dastrup, Dona, e-So.....................Provo
Dase, Sam C., fa-So.............................Las Vegas, Nevada

Davenport, Naomi L., fa-F.......Bingen, Washington
Davidson, Arthur E., a-F.......Sheridan, Wyoming
Davies, Vernon, ss.......Cannonville
Davis, Ariel R., a-So.......Provo
Davies, Byron, a-So.......Cannonville
Davies, Grant B., a-F.......Provo
Davis, Donald D., G....Salt Lake City
Davis, George E., a-F.......Lehi
Davies, Jack, a-F.......Spanish Fork
Davis, Katherine, ss-e-J.......Provo
Davis, Lyman H., ap-F.......Talmage
Davis, Mattie A., ss.......Provo
Davis, Pearl A., ss....Malad City, Ida.
Davis, Vern L., fa-F.......Springville
Dayton, Norvel D., a-So.......Payson
Dean, Ernest H., ap-J.......Am. Fork
Dean, Joe, fa-So.......Heber City
Dean, John O., ap-J.......Am. Fork
Decker, Freda S., a-F.......Snowflake, Arizona
Decker, Glenaveve, a-J.......Snowflake, Arizona
Decker, James B., c-S..Bayfield, Colo.
Decker, Lorenzo B., ss.......St. Johns, Arizona
Decker, Webster, a-So.......Kirtland, New Mexico
DeBry, James, ss.......Preston, Idaho
DeGraff, Elaine, fa-J.......Heber
DeGraff, Helen, fa-Sp.......Heber
De La Mare, Wanda A., e-F....Tooele
Dennett, Boyd, ss.......St. George
Dennis, Elvin I., c-F.......Roosevelt
Despain, Dale I., a-J......Lovell, Wyo.
Despain, Joseph W., a-So.......Sandy
Despain, Leo F., a-F.......Sandy
Despain, Lola, e-F.......Park City
Despain, Russell M., ap-F.......Lovell, Wyoming
Dickson, Cathern, ss....Cowley, Wyo.
Dickson, Ned B., ap-J..Cowley, Wyo.
Dickson, Newell D., ap-F.......Cowley, Wyoming
Dillman, Earl R., a-F.......Roosevelt
Dillman, Isabelle e-So.......Vernal
Dimick, Cecil, ss-E-S.......Morhland
Dimond, Alva, a-F.......Midvale
Dimond, Lloyd C., fa-So.......Midvale
Dinesen, Elna M., c-Sp.......Provo
Dix, DeVaun, ss-e-J.......Provo
Dixon, Edith A., ap-F.......Provo
Dixon, Helen, ap-So.......Provo
Dixon, Howard B., a-J.......Provo
Dixon, Kathryn, a-F.......Payson
Dixon, Lucille, ss.......Provo
Dixon, Maurine, ap-J.......Provo
Dixon, Phyllis L., a-F.......Provo
Dixon, Ronald, c-Sp.......Provo
Dixon, Ruby, e-J.......Provo
Dixon, Ruth, c-So.......Salt Lake City
Dixos, Stella, ap-F.......Provo
Doman, Rulon W., e-J.......Idaho Falls, Idaho
Domina, John C., a-J..Aberdeen, Ida.
Done, G. Byron, ss......Blackfoot, Ida.
Done, Otto, e-J.......Tuscon, Arizona
Doty, George E., G-ss.......Richmond
Dowdle, Robert M., a-F....Springville
Downs, Winston, a-F.......Provo
Draper, Elwood M., a-So.......Moroni
Draper, Howard W., a-So.......Wellington
Draper, Leona, ss.......Ogden
Draper, Mert S., a-F.......Moroni
Driggs, Norval A., e-So.......Pleasant Grove
Dudley, Lucy, c-F.......Jensen
Dudley, Lyndon L., e-S....Span. Fork
Dudley, Lynne H., a-F.......Jensen
Dudley, Margaret, a-F.......Vernal
Dudley ,Marian, e-So.......Randlett
Duersch, Mary, a-So.......Driggs, Ida.
Duffin, Dawn, fa-F......Salt Lake City
Duffin, Lydia, fa-J....Aberdeen, Ida.
Duffin, Marion F., ap-F.......Aberdeen, Idaho
Duffin, Max H., c-F....Salt Lake City
Duke, Jennie, fa-F.......Heber
Duke, Kenneth L., a-J.......Heber
Duke, Lela M., ss-e-Sp.......Provo
Duke, Lucretia B., fa-J.......Provo
Duke, Marden A., a-So......Heber City
Duke, Merrill Y., a-So.......Provo
Dunyon, Florence L., ss....Am. Fork
Durrant, James B., e-So....Am. Fork
Durrant, Ruby L., ap-F.......Provo
Durrant, Russell, c-So.......Provo
Durkee, William T., a-F.......Provo
Dusenbery, Ida S., ss-Sp.......Provo

Eagar, David R., ss-G.......Mammoth
Eagar, Ireta, c-So.......Eagar, Ariz.
Eagar, Levoran fa-F.......Eagar, Ariz.
Earl, Don L., ss-fa-F.......Las Vegas, Nevada
Earl, La Von, a-S.......American Fork
Earl, La Viene, ss-G.......Provo
Eastmond, Elbert J., a-So.......Provo
Eastmond, Taylor, c-F....Salt Lake
Eastmond, Taylor, c-F.......Salt Lake City
Eastmond, Thomas H., a-J.......Provo
Edler, Jennie M., ss.......Provo
Edmunds, Esther, ss.......Nephi
Edwards, Alice, ss.......Charleston
Edwards, Clara, ap-S.......Charleston
Edwards, Luther A., ap-F......Ferron
Egbert, Margaret, G-ss.......Logan
Eggertsen, Geraldine, fa-So.......Springville
Eitel, Leona L., fa-So.......Salt Lake City
Ekins, Virginia L., fa-S.......Provo
Ekloff, Genevieve, ss.......Eureka
Ellertson, Clarence L., ss-G.......Mona
Ellett, Arthur O., ss-G......Span. Fork
Ellett, Darwon E., ss.......Thistle
Elliott, Geraldine, ss.......Provo
Elliott, Elliott, ss.......Provo
Elmer, Arthur L., ss-e-J....Antimony
Ellsworth, Edna, ap-J.......Lewisville, Idaho

Empey, Lee C., a-F........Price
Ennis, Marguerite, fa-So........Eagar, Arizona
Ensign, Geo. C., ss........Kaysville
Ericksen, Gerald L., a-J........Mt. Pleasant
Erickson, LaRue, a-So........Provo
Estey, Madeleine, fa-Sp........Provo
Evans, Bud, fa-So........Spanish Fork
Evans, Dawna M., c-Sp........Provo
Evans, Don H., ap-F........Lehi
Evans, Leon, c-J........Lehi
Evans, Foster, a-J......Salt Lake City
Evans, Howard C., c-J........Lehi
Evans, Jennings D., c-J..Span. Fork
Evans, Lucretia M., ss........Salt Lake City
Evans, Oakley S., c-S........Anaconda, Montana
Evans, Orville L., c-So......Lake Shore
Evans, Wm. Richard, ss..Mt. Emmons
Evans, Viola, c-F....Anaconda, Mont.
Eyre, Floyd G., ss........Ogden
Eyring, Ethel, fa-J........Pima Arizona
Eyring, Fern C., a-Sp........Provo

Faddis, Paul, a-Un........Provo
Fahring, Ray L., c-S........Helper
Fairbanks, Garth J., ap-F........Salt Lake City
Fairbanks, Vonola, a-Un......Richfield
Fairbanks, Voy, a-F..Salt Lake City
Farnes, June, fa-So........Twin Bridges, Montana
Farnsworth, Elone A., ap-So........Col. Dublin, Chih, Mexico
Farnsworth, Florence, ap-So........Col. Dublon, Chih, Mexico
Farnsworth, Hatch, c-S........Provo
Farrar, Helen A., e-J........Sandy
Faucette, Reese Earl, a-J........Sanford, Colorado
Fautin, Reed W., e-J........Provo
Favero, Dewey J., e-S........Hooper
Feast, Howard F., a-J..Center, Colo.
Fechser, Ida, fa-So........Provo
Fernley, James B., c-F..Caliente, Nev.
Fennell, Margaret M., ss........Eureka
Fetzer, Leona B., a-J........Salt Lake City
Fewens, Judd D., a-F........Pocatello, Idaho
Fielding, Fred, a-So........Provo
Fietkau, Ross, c-F........Boneta
Fillmore, Belle, e-S........Richfield
Fillmore, Elmer L., fa-So..Span. Fork
Fillmore, Gladys, c-F........Provo
Fillmore, Jay, a-F........Salina
Fillmore, Winston J., a-F....Richfield
Finch, Henry, c-S........Spanish Fork
Finlayson, Lela, ap-So........Provo
Finlayson, Vida, c-Un........Provo
Firmage, Edwin R., c-J........Provo
Firmage, William K., c-J........Spanish Fork
Firmage, Wm. R., c-So........Provo
Fischer, Wilford A., a-So........Sacramento, California
Fish, Jos. S., ss........Lovell, Wyoming
Fish, Lalovi, a-So....Snowflake, Ariz.
Fish, Richard E., a-F........Mesa, Ariz.
Fisher, Asael H., ss-G........Provo
Fisher, Flora D., ss-ap-Sp........Provo
Fitzgerald, Don C., a-F........Lehi
Fitzgerald, H. Alvan, ss........Lehi
Fitzgerald, Sarah, ap-So........Draper
Fjeldsted, Labarth, Sp........Helper
Fjeldsted, Lillian W., ss....Centerfield
Fletcher, Clele, c-So........Springville
Folster, Maxine, ap-So........Moab
Ford, Velma, c-Sp........Wallsburg
Forsyth, Harry H., ap-Sp........Provo
Forsyth, Howard F., ss-e-S........Cardston, Alta., Canada
Forsyth, Wm. Achroyd, e-So........Cardston, Alta., Canada
Foster, Francis W., c-S......Am. Fork
Foulger, Walt E., fa-S........Ogden
Foutz, Russell, c-J....Fruitland, N. M.
Fotland, Clara, ss........Provo
Foulger, Delsa, ss........Ogden
Fox, Wilcken F., G........Provo
Foy, Joseph C., ap-S........Panguitch
Fowlke, Le Grand, ap-F........Pleasant Grove
Frampton, Gladys R., ss........Scipio
Frampton, Vera E., e-So........Fillmore
Francis, Carl W., e-J........Morgan
Frandsen, Calvin E., e-So....Redmond
Frandsen, Ernest, ss........Provo
Franson, Everett, fa-F........Oakley
Frazier, Leo O., a-F........Oakley
Frazier, Verness W., e-S........Oakley
Freckleton, Jennie, ss........Provo
Freckleton, John M., a-F........Provo
Freckleton, Virginia G., a-Un..Provo
Freeston, Albert G., ap-F..Mesa, Ariz.
Freeston, Norman F., fa-S........Mesa, Arizona
Freeston, Victor J., a-So........Los Angeles, California
Friel, David T., c-Sp........Springville
Frisby, Stella O., fa-F..Salt Lake City
Frost, Thomas L., G........Ephraim
Fugal, Jean A., a-F........Pleasant Grove
Fullmer, Bert LaCelle, ap-J........Springville
Fullmer, John P., c-F........Circleville
Fullmer, LaMar A., e-F..Span. Fork
Fullmer, Smith, c-F........Circleville
Funk, Eugene, fa-F..Preston, Nevada
Funk, Lillian, ss......Preston, Nevada
Furr, Carl J., ss-G........Mesa, Arizona

Galloway, Ardell, a-F........Roosevelt
Gamett, Lavell C., ss-ap-S........Pleasant Grove
Gamett, Wayne A., a-F........Pleasant Grove
Gardner, Blanche, ap-F....Span. Fork
Gardner, Cora, ss........Spanish Fork
Gardner, E., Ray, ss........Am. Fork
Gardner, Evan G., c-F........Delta
Gardner, Fawn G., e-F........Neolo

Gardner, Geraldine, a-F..........Payson
Gardner, Gladys, ss......Spanish Fork
Gardner, Lincoln B., e-So.. Afton, Wyoming
Gardner, Marguerite, e-So.. Spanish Fork
Gardner, May, c-So........................Delta
Gardner, Merline, fa-So.. ..Am. Fork
Gardner, Reid B., a-So......Span. Fork
Gardner, Rollan L., fa-Un.. Huntington
Gardner, Ross D., a-F..Salt Lake City
Gardner, Wallace H.,.........Span. Fork
Garner, Hazel A., ap-Un............Provo
Garrett, Ralph L., e-So.................Nephi
Garrett, Weston, c-F....................Provo
Gay, Venoy, c-F..........................Joseph
Geary, C. Calvin, ss..................Morgan
Geary, Elmo G., c-S..........Huntington
Geary, Merlin G., fa-J......Huntington
Gease, Harold, c-F........................Provo
Gee, Eileen E., a-J..Pocatello, Idaho
Gee, Ivin L., e-s-ss........Rexburg, Ida.
Geen, Lynn L., a-S......Pocatello, Ida.
George, La Rue, ss....................Kanosh
Geslison, Byron T., a-J....Span. Foork
Gibb, Jack R., e-J..........Portland, Ore.
Gibbons, Robt. G., ss........Driggs, Ida.
Gibby, Thomas G., ss..................Ogden
Giddings, Crandall B., a-F.. American Fork
Giddings, Ruthe, ap-J..........Am. Fork
Gilchrist, Bruce, ss-G....Ontario, Ore.
Gilchrist, Elma, ss-G....................Provo
Gilchrist, Irene, a-F...... Ontario, Ore.
Giles, Clarence W., e-F....Heber City
Giles, Earl, e-So..................Heber City
Giles, Fred N., ap-J......................Provo
Gillespie, George S., c-S............Tooele
Gillespie, Gerald C., a-F............Tooele
Gledhill, Preston R., fa-So.. Richfield
Gillies, Gaylord, c-F....................Provo
Gleason, Katherine A., So.......... .... Pleasant Grove
Gines, Reta, ss-G..........................Provo
Gleason, Jennie, ss....Pleasant Grove
Gledhill, Pearl, c-F........................Provo
Glissmeyer, Mildred S., e-So...Salt Lake City
Glover, Edna M., e-J..................Sandy
Glover, Hazel, e-F........................Sandy
Godfrey, Elice, fa-F..Idaho Falls, Ida.
Golding, Lawrence, e-F.............Price
Goodman, Bill, fa-J.....................Provo
Goodrich, Darrell, e-So............Tridell
Gordon, Glen H., c-S............Am. Fork
Gourley, David, ss-G..Pleasant Grove
Gorishek, Carolina E., ss......Schofield
Gourley, George, e-J..Pleasant Grove
Gourley, L. M., e-So..Pleasant Grove
Gourley, Maurine, e-S.. Pleasant Grove
Graff, Marvin H., e-S......Santa Clara
Graham, Ivan S., c-F......Byron, Wyo.
Graham, Richard, a-F...........Fairview
Graham, Verena, ss................Fairview

Grant, Carter E., ss...................Sandy
Grant, Dorothy R., e-So......Am. Fork
Grant, Helen, e-F........Salt Lake City
Green, Doyle L., a-F....................Sandy
Green, Forace G., a-J.............Midvale
Green, Leola, e-J............Boise, Idaho
Green, May E., fa-F..Salt Lake City
Greenhalgh, Gene W., a-F..Santaquin
Greenhalgh, Martin, fa-F..Santaquin
Greenhalgh, Rex L., a-So..Santaquin
Greenwell, Clyde P., a-F............Ogden
Greenwell, Ruth L., fa-F............Ogden
Greenwood, Don B., a-So..........Sandy
Greenwood, Ella I., fa-F............Sandy
Greer, Faye, e-So..........................Provo
Griffin, Lorenzo H., ss........Escanante
Griffith, Derrol, a-F..................Midvale
Griffith, Dorothy, e-So................Tooele
Griffith, Eler, c-So....................Midvale
Grimes, Jesse W., fa-F................Provo
Grimes, Milton, c-J........................Provo
Groberg, LeRoy B., ss............Bicknell
Groesbeck, Lue S., e-J........Am. Fork
Groesbeck, John, ss-G........Springville
Grotegut, La Mar, e-S......Span. Fork
Glover, Melisa B., ss..................Sandy
Grow, Spencer, G..........................Provo
Grow, Stewart L., c-S................Provo
Gudmundson, Keith J., c-J.. Springville
Gunn, John A., ss........................Beaver
Gunn, Stanley R., ss............Roosevelt
Gunnell, Halden P., a-So..Grace, Ida.
Gunther, Orville C., a-F................Lehi
Guyla, L., fa-F............Danbury, Conn.
Guymon, Luella, fa-F........Huntington
Guymon, Norland R., c-F..Ucon, Ida.

Hacking, Bernice, e-J....Cedar Valley
Hacking, Leo E., c-So................Vernal
Hacking, Lola, ap-F......Cedar Valley
Hacking, Mary H., ap-So........Vernal
Hacking, Maurine, ap-F Cedar Valley
Hacking, Ralphena, c-Sp............Provo
Hacking, Reed G., ss-A-S..........Provo
Hadley, Margaret, ss..........Springville
Hadlock, Orlando B., ss..............Ogden
Hale, Nathan, e-So......Blackfoot, Ida.
Hales, Belle, ap-Sp......................Provo
Hales, Clifford C., a-F......Berea, Ohio
Hales, Helen, ss..............Spanish Fork
Hales, Vern, ss-A-F........................Provo
Hall, Avard B., a-F........Eagar, Ariz.
Hall, Carmen E., ss....................Ogden
Hall, Maurice B., a-So........Santaquin
Hall, Nedra, ap-So..........Eagar, Ariz.
Hall, Loverl Wilford, c-So.. Eagar, Arizona
Halladay, Francis C., ss............Tooele
Halladay, Harry L., a-F............Provo
Halliday, John R., fa-J.. Pleasant Grove
Halliday, Naomi, ap-S........Am. Fork
Halliday, Nina, ss-G............Am. Fork
Halliday, Rhea, e-F....Pleasant Grove
Hallows, Ivo N., a-F............Santaquin
Halverson, Jean, a-F......................Provo

Hamblin, Lawson O., a-S............Provo
Hamilton, Don P., a-So..............................Sugar City, Idaho
Hammond, Ethel, fa-Un..............Moab
Hammond, W. Kay, c-J..............Moab
Hammond, Maxine, a-J..Ashton, Ida.
Hammond, Merrill C., G............Provo
Hammond, Roy B., a-J...............Provo
Hancock, Gerald, c-Sp................Provo
Hanks, Howard, ss....................Eureka
Hanks, Wayne, c-S.....................Tooele
Hansen, Blaine, G-ss..........Span. Fork
Hansen, Elda, ss.....................Richfield
Hanson, Afton, e-J....Bear River City
Hansen, Alene, a-So............Monticello
Hansen, Alma W., a-So..............Ogden
Hanson, Barbara, e-J....Rexburg, Ida.
Hansen, Eldon J., S......Weston, Ida.
Hansen, Fred W., a-F........Tremonton
Hansen, Glenn W., a-S..........Richfield
Hanson, Harold, ss.........................Rains
Hansen, Margaret, ss..................Provo
Hanson, Neva, ss..........................Provo
Hansen, Ruby, ss.......................Vernal
Hanson, William, ss...................Provo
Hansen, Wyroa, ss.............Springcity
Harding, Leila, c-F......................Provo
Hanson, Lester, a-Sp...................Provo
Hanson, Paul, a-F.................Roosevelt
Hansen, Phil, a-S....................Richfield
Hansen, Robert, c-J......................Provo
Hansen, Ruby, e-ss-J..................Vernal
Hansen, Ruby K., e-S............Richfield
Hansen, Theresa M., a-So..........Provo
Hanson, Vera, c-F...............Roosevelt
Harding, Wilbur R., c-F............Provo
Hanson, William F., e-ss-Sp......Provo
Hanson, Zula, e-S......Bear River City
Harding, Marion, c-Un................Provo
Harding, Zella, c-So.....................Provo
Hardman, Anna M., e-F............Myton
Hardman, Minnie, e-So..............Myton
Hardman, Valerie, ap-F..........Mendon
Hardy, Elmo, a-So..............Span. Fork
Harker, Hallace, ap-F....Shelley, Ida.
Harmer, Dorothy, a-So.....Springville
Harmer, Floss, ss................Springville
Harper, Laurel, ap-So.............................. Sacramento, Cal.
Harper, Weston, e-So......Oakley, Ida.
Harris, Audrey, G................Richmond
Harris, Estelle S., ss-a-Sp............Provo
Harris, Charles, ap-F..Pleasant Grove
Harris, Elroy, ap-Sp......Tetonia, Ida.
Harris, Franklin S., ss-G............Provo
Harris, Gwendalynn, c-F....Boise, Ida.
Harris, Helen, ap-ss-So..............Provo
Harris, Madge, ss-Sp...................Payson
Harris, Mary F., fa-F................Provo
Harris, Margaret J., fa-F...............................Col. Juarez, Chih., Mexico
Harris, Maureen, c-J......Boise, Idaho
Harris, Norma B., fa-Sp............ Provo
Harris, Robert D., a-F...................................Salt Lake City
Harris, Thelma, ss-a-F................Provo
Harris, Wayne, G...................Portage

Harrison, Brigham H., e-J................................... Manassa, Colorado
Harrison, Edith, a-Sp..................Provo
Harrison, Everett, c-So........Roosevelt
Harrison, Jean, c-Sp.....................Provo
Harrison, Madelyn, ss-e-Sp.. Springville
Harrison, Walter, ss....................Heber
Hart, Chas., ss...............................Provo
Harston, George, a-F..Crowley, Wyo.
Harston, Miles, ap-So..Crowley, Wyo.
Hart, Blaine, a-So........Pocatello, Ida.
Hart, Eldon, e-F............................Ogden
Hart, R. Ray, c-S....Idaho Falls, Ida.
Harwood, Loa, e-F........................Provo
Hassinger, Ray E., a-F..Standardville
Hastings, Emmeline, e-J..Mesa, Ariz.
Hatch, Harmon R., fa-S....Span. Fork
Hatch, Keith R., c-So..................Provo
Hatch, Lila M., e-Sp.....................Provo
Hatch, Norma ap-F......................Provo
Hauser, Russell, a-F.....................Provo
Hawke, Don W., ap-So................Provo
Hawker, Ada L., ap-F.......Declo, Ida.
Hawker, Mary A., ap-F....Grantsville
Hart, Kay R., ss..............................Provo
Hasler, William J., ss-a-S..........Provo
Hawley, Ruth, e-So...............Roosevelt
Haws, Lois, e-So...........................Provo
Haws, William J., a-S................Provo
Haycock, Nell, e-F........................Provo
Hayes, Lottie H., G....................Provo
Hayes, Rex E., a-Un....................Provo
Hayes, Sheldon P., ss-G.............Provo
Hayward, Willard, c-So..Rupert, Ida.
Heal, Stanley, c-So......................Provo
Healy, Carson R., fa-So............Magna
Heaton, Fred, e-F......Moccasin, Ariz.
Heaton, Ramona, c-F..Moccasin, Ariz.
Hebertson, Thorit C., ss-G..........Provo
Hedquist, Vivia, ap-Sp................Provo
Henderson, Walter, a-Un.. Cannonville
Henderson, Yvonne, e-So............Provo
Hendry, Ercell, a-F..........McGill, Nev.
Heninger, Van E., ss..................Ogden
Hendrickson, Roy, a-F................Provo
Henry, Eleanor J., c-F.................................. Robertson, Wyo.
Hensley, Edward M., e-So.. Chico, Calif.
Hepworth, Allan M., a-F.. Grover, Wyo.
Herbert, Neda, ss.......................Salina
Hess, Frank, a-F......................Fielding
Hess, George M., ss-G......Farmington
Hettig, David T., G...................Provo
Heywood, Kenneth P., e-J.. Mesa, Ariz.
Hibbert, Dave D., c-J........Mesa, Ariz.
Hicken, Elijah M., ss-G........Richmond
Hicken, Orson B., e-So................Heber
Hicken, Verda, fa-F............Richmond
Hicken, Roy P., a-So..................Heber
Hickman, Erma O., fa-F......................................Salt Lake City
Hicks, Veda, c-Un........................Provo

Higgs, Mrs. B. T., fa-Sp..............Provo
Higgins, Ron, c-So........................Provo
Hildy, Grace, fa-F...........Chicago, Ill.
Hill, Laurel D., e-F...............Roosevelt
Hilton, Helen, e-J....................Hinckley
Hinckley, Beulah, e-So...................... .... Salt Lake City
Hinckley, Zina, e-So...Salt Lake City
Hinckley, Rulon T., G-ss......Hinckley
Hodson, Afton, ss-e-J.................Provo
Hobson, Glenn, c-F.............Hoytsville
Hodge, June A., c-F.........Span. Fork
Hodson, Marva, ss-G....................Provo
Hodson, Rosemary, ss................Provo
Hodson, Waldo, ss-G..................Provo
Hoffman, Ida J., e-J.........Springville
Hoge, Walter G., a-J..Blackfoot, Ida.
Holdaway, Clyde A., c-F............Provo
Holdaway, Lyle, c-So...............Provo
Holdaway, Marjorie J., ss............... .... Pleasant Grove
Holdaway, Orin J., ss-G.................. ....Pleasant Grove
Holden, Dean R., ap-F............Payson
Holfert, Alfred R., c-So.............Provo
Holley, Uda, ap-J...................Mapleton
Holley, Wayne D., fa-J........Mapleton
Hollingshead, Golden, ss.................. .... Caliente, Nev.
Hollan, Wayne, F., fa-F................. .... Twin Falls, Ida.
Holm, Floyd S., e-F.............Benjamin
Holmstead, Cleo, ss.........................Lehi
Holt, Afton, e-J............Thornton, Ida.
Holt, Essie, ss............................Midvale
Holt, Grant R., c-F....................Provo
Holt, Jesse C., e-So........Spanish Fork
Holt, Portia, fa-Sp.....................Ogden
Holton, Joyce P., e-J................Ogden
Holton, Rosetta F., ss....Meeker, Col.
Homme, Morris L.,....Outlook, Mont.
Homme, Roy F., e-S....Outlook, Mont.
Holyoak, Francis J., ss....Burley, Ida.
Holyoak, John L., ss.......Burley, Ida
Hone, Mark A., a-F...............Brigham
Hood, Ward E., ss....................Milford
Hooks, Gladys G.,.........................Provo
Hoopes, Leola, fa-F..................Beaver
Hoover, Lamar, c-F.............Park City
Horr, Ruth L., fa-F.......................... ....Grand Junction, Col.
Horsley, Dorothy L., e-J................... .... Soda Springs, Ida.
Horsley, Gladys, ss.............................. .. .. Soda Springs, Ida.
Horton, Billa, fa-F...............Circleville
Horton, Geraldine, fa-F......Circleville
Housley, Orville, e-F........................ .... St. Anthony, Ida.
Houston, Irene, ss-fa-S........Panguitch
Houston, James E., a-So.................... .... Lovell, Wyo.
Houtz, Mozella, a-So.........Springville
Houtz, Ora M., c-F........................Provo
Howard, Ken M., Un...............Payson
Howe, William S., a-So..............Provo
Huber, Albert H., a-F...........Payson
Huckins, Alice E., ap-J................Provo
Hudson, Roy, a-So....Evanston, Wyo.
Huff, Esther, a-So........................Provo
Huff, William B., a-F........Span. Fork
Huffaker, Marshall E., c-S......Murray
Huffaker, Ruth, e-S.................Murray
Hughes, Laird E., a-J....................... .... Wilkes-Barre, Penn.
Hughes, Joseph W., ss....Span. Fork
Hughes, Reed G., c-F........Span. Fork
Huish, Bruce A., c-F..................Payson
Huish, Daryl E., fa-S..................Provo
Huish, Helen, ap-So......................Provo
Hullinger, Hollis G., a-F........Vernal
Hullinger, Orvel M., a-So....La Point
Hullinger, Harold, ss................Vernal
Hullinger, Harvey, ss............La Point
Hullinger, Owen A., ap-F..........Vernal
Hullinger, Roland, fa-So......La Point
Hulme, Benjamin F., ss................Spry
Hundley, Lucile, c-J.....................Provo
Hunt, Austin G., e-J............ .... Bunkerville, Nev.
Hunt, Burton P., a-So........Pine, Ariz.
Hunt, Levi, ap-F..............................Lehi
Hunt, Max, a-F......Joseph City, Ariz.
Hunt, Paul. a-Un..................Buhl, Ida.
Hunt, Roscoe J., ap-Un..................Lehi
Hunt. Ross S., G..........................Salina
Hunter, Elna V., e-So...................... .... Idaho Falls, Ida.
Hunter, Kenneth, a-F..........Am. Fork
Hunter, Royal, a-F.......................Provo
Huntington, Mae, ss-G........Springville
Huntington, Roy, fa-F..............Heber
Huntsman, Blaine, e-J..........Fillmore
Hutchins, Truman, a-Sp..Amanda, O.
Hutchings, Brian L., a-F........Midvale
Hutchings, Harold C., a-So............Lehi
Hutchinson, Grant A., ap-S.............. ....Salt Lake City
Hutchinson, J. Marvell, c-S............. ....Salt Lake City
Hyde, Elaine, e-F..............Rupert, Ida.

Ingersoll, Leigh, ap-S..........Am. Fork
Ingersoll, Rex M., ap-S......Am. Fork
Ipson, Nello P., c-S..............Panguitch
Iverson, Martin H., e-S....Washington
Iverson, Wells J., a-F..............Kanosh
Israelson, Vernon L., ss.........Monroe
Irwin, Cecil R., ss—Kirtland, N. M.
Ivins, Bertha H., ap-So............Provo

Jackson, Beth, fa-F........................Lehi
Jackson, Elda, ap-F......Manassa, Col.
Jackman, Golden L., ss............Salina
Jackson, Ellen, e-J.........................Provo
Jackson, Norma, e-F.....................Provo
Jackson, Reva, e-So................Teasdale
Jacob, Milton E., a-So................Provo
Jacobs, Bennett H., c-F.................... .... Rockland, Ida.
Jacobs, Charlton, c-J......Mt. Pleasant
Jacobs, Helen, a-So.....................Provo
Jacobs, Keith, a-F......Pleasant Grove
Jacobs, Joseph S., ss-G...............Provo

Jacobs, T. Leo, e-ss..........Tooele
Jacobs, Madge A., a-F..........Roosevelt
Jacobson, DeWitt, a-F..........Provo
Jacobson, Rilla, c-F..........Provo
Jacobson, Sterling, a-F..........Provo
Jameson, Karl, c-S..........Price
Jansson, Blanch, Sp....Salt Lake City
Janson, Dorothy, c-J..........Provo
Janssen, Helen, ap-F..........Murray
Jeffery, Iliff C., a-J..........Delta
Jeffery, Irvin Wilber, ap-F..........Delta
Jenkins, Elvira, fa-F..........Provo
Jenkins, Louise, fa-J..........Provo
Jensen, Allene, ss..........Provo
Jensen, Alva O., a-F.......... Pleasant Grove
Jensen, Annie, ss-a-Sp..Salt Lake City
Jensen, Ana M., e-J..........Ephraim
Jensen, Beatrice L., e-ss..........Salt Lake City
Jensen, Cannon H., a-So..........Provo
Jensen, Cecelia, a-So.......... Sacramento, Calif.
Jensen, Constance, ss..........Mantua
Jensen, Della Vene c-F....Span. Fork
Jenson Eleonor, e-So..........Monroe
Jensen, Gordon, a-F..........Farmington
Jensen, Helen, fa-F..........Manti
Jensen, Henry, a-So..........Riverton
Jensen, James, ap-J......Preston, Nev.
Jensen, Lola C., ss..........Nephi
Jensen, Louise, ss..........Byron, Wyo.
Jensen, Mamie E., ss-S-ap..........Provo
Jensen, May A., c-Sp..........Provo
Jensen, Marvin, ss..........Santaquin
Jensen, Melba, ap-So..........Richfield
Jensen, Mary, ss-G..........Provo
Jensen, Peter M., fa-Sp..........Provo
Jenson, Ralph, a-J..........Ogden
Jensen, Walter A., fa-J.......... Salt Lake City
Jensen, Walter S., ss..........Provo
Jensen, Zoe M., fa-J..........Ephraim
Jeppson, Faye, e-J..........Brigham City
Jeppesen, Rhodes, G..........Provo
Jesperson, Ina, a-S..........Tucson, Ariz.
Jesperson, La Viere, c-F.......... Tucson, Ariz.
Jesperson, Marzelle, fa-So.......... Tucson, Ariz.
Jewkes, Ellsworth T., c-F..........Price
Jewkes, Movell A., c-F..........Price
Johanson, Alva J., G..........Provo
Johansen, Grant M., e-J.......... Mount Pleasant
Johnson, Afton, a-F..........Provo
Johnson, Allan, e-F..Anaheim, Calif.
Johnson, Allen W., a-So......Gunnison
Johnson, Annie R., a-J..........Provo
Johnson, Bernice, c-So....Nampa, Ida.
Johnson, Delbert C., c-So..........Provo
Johnson, Bert, ss.......... Koosharem
Johnson, Donald, a-F..........Mapleton
Johnson, Donna, c-F..........Provo
Johnson, Donna Lee, ap-So.......... Hazelton, Ida.
Johnson, Elmer W., Un..........Provo
Johnson, Enola, a-So..........Provo

Johnson, Glenn A., ap-F..........Provo
Johnson, Glen B., ap-S..Richfield, Ida.
Johnson, Guy A., ss..........Payson
Johnson, Ina G., ss....Salt Lake City
Johnson, Helen, e-So..........Huntington
Johnson, Jessie, e-F..........Provo
Johnson, Joseph F., e-S..........Murray
Johnson, La Vell ss-Sp.......... Fountain Green
Johnson, Lowell, ap-So..........Provo
Johnson, Malcolm, fa-So.......... Terry, Mont.
Johnson, Mary, e-F.. ....Springville
Johnson, May a-F...... ....Mapleton
Johnson, Morris ss..........Provo
Johnson, Nelda, fa-F..........Springville
Johnson, Reed G., a-F..Lovell, Wyo.
Johnson, Rollo, a-F..........Provo
Johnson, Stephen, ap-F..........Oakley
Johnson, Valore, a-So..La Jara, Col.
Johnson, Vearl, G..........Provo
Johnson, Wallace M., G... ....Ogden
Johnson, Wanda, ap-So..........Vernal
Johnson, Wayne, a-F.......... Pleasant Grove
Johnson, Wendel, e-So..........Vernal
Johnson, Weston, a-So..........Provo
Johnson, Willis F., G-ss..........Provo
Johnson, Wyla J., a-S-ss..........Provo
Johnson, Zola, e-F..........Huntington
Johnston, Irene, e-S..........Am. Fork
Jolley, Ann Iva, fa-F....Lovell, Wyo.
Jolley, B. Manning, a-Sp..........Provo
Jolley, Ellen, Sp..........Lovell, Wyo.
Jolley, Udell, a-So..........Provo
Jones, Alene, c-F..........Blanding
Jones, Blanche B., ss-Sp....Span. Fork
Jones, Burt, a-F..........Price
Jones, Dale, c-J..........Provo
Jones, Etta, ss-Sp..........Provo
Jones, Evelyn B., ss..........Henefer
Jones, Howard, a-F..........Manti
Jones, Hyrum P., ss-G.......... Pleasant Grove
Jones, Ila, e-So..........Blanding
Jones, La Fayette, e-So..........Payson
Jones, Maurice, c-S..........Provo
Jones, Maurine, ap-S.......... Las Vegas, N. M.
Jones, Max, ap-So..........Am. Fork
Jones, Melva, e-J..........Provo
Jones, Ona, c-So..........Cedar City
Jones, Reuben, a-J..........Cedar City
Jones, Ronald, c-Sp..........Provo
Jones, Rudger, c-S....Flushing, N. Y.
Jones, Rulon A., ss-G..........Cedar City
Jones, Vivian, a-F..........Provo
Jones, Yvonne, c-F..........Provo
Jordan, Lee K., c-So..........Stanford University, Calif.
Jorgensen, Anna S., ss..........Ferron
Jorgensen, Drew, G..........Provo
Jorgensen, Eugene G., fa-S..........Price
Jorgenson, Everett, c-So..........Peoa
Jorgensen, Glade, fa-F..........Am. Fork
Jorgensen, Helen, e-So..........Price
Judd, Florence, e-J..........La Verken
Josie, Frant, c-Sp..........Provo

Judd, Florence, e-J..........La Verken
Judd, Myles E., fa-S..........St. George
Justesen, Bernice, ss........Spring City

Karren, Ethel, e-F..........Vernal
.... Raymond Alta, Can.
Kartchner, Ray W., a-S..........Provo
Kartchner, Veda F., ss-G..........Provo
Kavachevich, Melvin W., c-So..Provo
Kay, Afton J., ap-Sp..........Charleston
Kay, Orpha, ap-Sp..........Charleston
Keele, Melvin W., fa-F....Span. Fork
Keeler, Essie R., ss..........Provo
Keeler, Joseph, fa-Un..........Provo
Keith, Howard, a-So.......... Raymond Alta, Can.
Kellersberger, Jack S., a-F.......... Afton, Wyo.
Kelley, Connie, ap-F.......... St. Anthony, Ida.
Kelly, Ross, ss..........Brigham
Kendall, Marie B., c-So..........Nephi
Kennedy, Margaret, ss-G..........Las Vegas, N. M.
Kenner, Robert Le., ss-G.......... Preston, Ida.
Kenney, Flora, ss-G..........Holden
Kent, Edith, ap-F..........Lewiston
Kenner, Kerma, G..........Provo
Kenner, Robert L., G..........Provo
Kerr, Lucie L., ap-F..........Provo
Kerr, Max H., a-F..........Payson
Kershaw, May, ss........Phoenix, Ariz.
Kesler, Abe B., a-F..........Fillmore
Killpack, Dean, a-F..........Ferron
Killpack, Elliott, a-F........Huntington
Killpack, Kenner, a-F........Huntington
Kimball, Virginia M., ap-J........Provo
Kimball, Veda, ss..........Kanosh
Kindred, Berne, c-So..........Springville
Kindred, Louise, ap-F........Springville
King, Alma W., ss-G..........Craland
King, Bruce T., a-So..........Raymond, Alta., Can.
King, Cecil M., a-So..........Provo
King, Marden F., c-So..........Kaysville
King, Naomi, fa-Sp..........Provo
King, Stella, e-So..........Grace, Ida.
Kirk, Odeal, G..........Pleasant Grove
Kirk, Rebecca, c-F..........Provo
Kirk, Warren, a-So....Pleasant Grove
Kirkham, Avery B., ap-So..........Lehi
Kirkham, Maxine, Sp..........Provo
Kirkham, Ralph, fa-F..........Garland
Kirkham, Rose, e-J.......... Jackson Heights, N. Y.
Kitchen, Levi, c-So....Pleasant Grove
Kjar, Lois A., fa-So....Salt Lake City
Kjar, Maurine, ap-J..........Manti
Kleinman, Lee, e-J..........Mesa, Ariz.
Knell, Mazie, ap-Sp..........Provo
Knight, Annie E., e-ss..........Hinckley
Knight, James V., C. Un......Hinckley
Knight, Edith, ss-G....Mesquite, Nev.
Knight, Phillip, c-J..........Provo
Knight, Richard, ss-C-J..........Provo
Knight, Stanley W., ap-F....Hinckley
Knight, Vola, ss-e-F..........Hinckley
Knight, Vilnah G., e-Sp..........Provo
Knott, Emelia V., ss.......... Council Bluff, Ia.
Knudsen, Ida, Sp..........Provo
Knudson, Velva, a-J..........Provo
Kocherhans, Lavor P., a-F........Provo
Krauss, Theresa, fa-F..........Payson
Krueger, Beth M., fa-F....Span. Fork
Kump, Lavar, c-F..........Provo

LaComb, Frank, c-S..........Midvale
Lamb, John W., c-Sp..........Provo
Lamb, Millie, c-Sp..........Provo
Lamber, Carlyle B., a-F..........Provo
Lambert, James, a-F..........Provo
Lambert, Carlos J., ss..........Salt Lake City
Lambert, Marguerite, fa-F.......... Collbran, Col.
Lambert, Theron, a-J..........Roosevelt
Lamph, David D., G........Castle Dale
Laney, Fayne, a-F..........Springville
Laris, Ellen, e-F..........Roosevelt
Larson, Avid D., e-So........Cleveland
Larson, Andrew, G-ss......Washington
Larson, Bernard B., a-F....Roosevelt
Larsen, Blanch S., ss..........Lehi
Larsen, Celia G., e-So..........Provo
Larsen, Don E., F..........Span. Fork
Larson, Doris E., e-So..........Murray
Larson, Eldon, ss......Las Vegas, Nev.
Larsen, Eugene, G-ss..........Provo
Larsen, George, c-J....Pleasant Grove
Larsen, Grant F., ap-J..........Provo
Larson, Gustive, ss-G..........Cedar City
Larsen, Harold, c-F..........Sandy
Larson, Donna, e-F..........Randlett
Larsen, Lyman, ss..........Castle Dale
Larsen, Myrtle, ss..........Castle Dale
Larson, Raymond, ss..........Mayfield
Larsen, Rhea, e-So..........Castle Dale
Law, Elsee, c-F..........Delta
Law, Orpha, fa-Un..........Provo
Law, Rondo, c-J..........Delta
Lawrence, Charles E., c-F........Provo
Lawrence, Harold, ss-G....Malad, Ida.
Lawrence, Jack, F-c..........Provo
Lay, Arma, e-F..........Richfield
Laycock, Harold, a-So..........Lethbridge, Alta., Can.
Layton, Iwa M., a-F..........Kaysville
Leavitt, Achel J., e-So.......... Bunkerville, Nev.
Leavitt, Leonard R., fa-F.......... Bunkerville, Nev.
Leavitt, Vaughn K., a-F.......... Overton, Nev.
Leavitt, Vivian, ss-e-S......Santa Clara
Le Beau, Bonet, a-F..........Roosevelt
Lee, Belva, ss-G..........Rigby, Ida.
Lee, Lorine, ss-Ap-Un..........Provo
Lee, Virginia, fa-F..........Provo
Lee, Wilford, ss-G..........Provo
Lee, Glen S., ss..........Panguitch
Lee, Lawrence, ss-G..........Logan
Lee Master, Vernon, ss..........Provo

Lefler, J. Ross, ss-e-J....Kamas
Lefler, Thomas L., e-F....Kamas
Lemon, Floral , e-So....Ioka
Lemon, Olive E., e-F....Ioka
Leonard, Mary, c-So....Farmington
LeSueur, Gordon, fa-So..Eagar, Ariz.
Levanger, Fred M., a-F....Span. Fork
Lewis, Dean, c-Sp....Provo
Lewis, John D., e-F....Provo
LeSueur, Oma, e-J....Mesa, Ariz.
Lewis, Kenneth M., a-Un....Provo
Liechty, R., a-F....Provo
Liechty, Ida, ss....Provo
Lillywhite, John P., ss-e-J....Brigham
Limb, Don, c-J....Garland
Lindsay, Fern, ss....Midvale
Lindsay, Ina, e-J....Spring Canyon
Linn, Betty, c-So....Provo
Littlefield, Isabella, e-J....Morgan
Livingston, Faun, a-So....Springville
Livingston, Gordon, a-F....Springville
Livingston, Vaughn E., a-S....Provo
Llewellyn, Margaret, e-So....Salt Lake City
Lloyd, Vaughn L., a-F....Riverton
Loader, Harry N., a-F....Pleasant Grove
Lodge, Patrician, e-F....Tooele
Lloyd, Wesley P., ss-G....Provo
Logan, Jessie, ss-G....Eureka
Lortz, Virginia M., a-J....Idaho Falls, Ida.
Losee, Ferron, e-J....Provo
Lott, Willard, ap-J....Huntington
Lott, Wreal L., ss-G....Lehi
Loveland, Charlotte, e-So....Rupert, Ida.
Lublin, Blanche, e-So....Roosevelt

Ludlow, Albert, c-S....Benjamin
Ludlow, Lewis, a-So....Benjamin
Ludlow, Max, a-So....Benjamin
Luke, Zelda, fa-Sp....Provo
Lund, Ellen, ss-G....Brigham
Lund, Leon, Sp....Latuda
Lund, Iola, fa-F....Eagar, Ariz.
Lund, Guy, a-Un....Eagar, Ariz.
Lundquist, Junior, fa-J....Ogden
Lyman, Willis J., ss-G..Lyman, Wyo.
Lyons, Walter, e-F..Livingston, Mont.
Lynn, Gerald, a-F....Lovell, Wyo.

McAllister, Dorothy, c-F..Span. Fork
McAllister, Rhean L., ap-J....Spanish Fork
McArthur, Arthur E., c-F....Provo
McArthur, Iris L., ss-Sp....Provo
McBeth, Paul M., a-F....Payson
McBride, Harold W., a-J..Pima, Ariz.
McBride, Orlando S., ss....Thatcher, Ariz.
McClellan, Jasper R., a-F....Colonia Juarez, Chih, Mex.
McCoard, Donna, ap-F....Provo
McConkie, Faun, G-ss....Moab
McDonald, Lois V., ss....Provo
McDonald, Winnifred L., e-So..Sandy
McEwan, June, c-Un....Provo
Macfarlane, Glenna, c-J....Las Vegas, Nev.
McFarlane, Ruby D., e-So....Manti
McGavin, E. Cecil, ss....Span. Fork
McGhie, Frank W., ss....Murray
McGregor, Mary, fa-J....St. George
McGuire, James A., a-S....Provo
McGuire, John H., ss-G....Provo
McGuire, Ray, a-S....Provo
McIntire, Floyd C., a-J....Price
McIntire, Wayne F., a-So....Price
McKell, Arthur N., c-F....Span. Fork
McKinney, Howard, e-F....Culbertson, Mont.
McKinnon, Roy S., fa-F....Randolph
McKinnon, Thelma, fa-S....Price
McKnight, Neil, c-So....Moreland, Ida.
McLeod, Genevieve E., e-F..Park City
McPherson, John B., a-J....Springville
McPhie, Francis J., ap-So....Provo
Mabey, Phyllis, fa-Sp....Provo
Madsen, Archie L., a-So....Provo
Madsen, Beth, a-F....Manti
Madsen, Charles H., ss....Price
Madsen, Elma, c-F....Mt. Pleasant
Madsen, Eva, c-So....Provo
Madsen, Evan A., ss..Thatcher, Ariz.
Madsen, Farrell D., Sp....Fairview
Madsen, Florence J., G....Provo
Madsen, Harold, ap-So....Provo
Madsen, Neola, ss-e-S....Provo
Madsen, Vivian, a-Sp....Provo
Magleby, Burns E., c-F....Monroe
Magleby, F. LeGrande, a-S....Monroe
Mangelson, Farrin L., e-J....Levan
Mangum, Jessie K., c-J....Provo
Mangum, W. Lester, ss....Provo
Manning, Frank W., e-F....Culbertson, Mont.
Manson, Jerauld, c-F....Provo
Manwaring, Arthur, ss....Vernal
Manwaring, Iris P., c-F....Vernal
Marchant, Moroni A., e-So....Peoa
Markham, Ben S., a-J....Span. Fork
Markham, Don C., a-S....Span. Fork
Markham, Lynn C., fa-J....Span. Fork
Markham, Mae, c-F....Span. Fork
Marquardson, Max S., e-J....Elsinore
Marsden, Althea, ss-ap-J....Cardston, Alta., Can.
Martensen, Clara, c-F....Mayfield
Martin, Hattie P., ss....Provo
Martin, Ila L., fa-Sp....Provo
Martin, Raymond, ss....Samaria, Ida.
Mason, R. Lamar, ap-F....Springville
Matkin, Benjamin Wayne, e-J....Magrath, Alta, Can.
Matson, Viola, G-ss....Salt Lake City
Maughan, Katheryne, ss....Smithfield
Maughan, Mildred, ap-S....Lava Hot Springs, Ida.
Maughan, Vivian, ss....Smithfield
Maxwell, Alva B., G-ss....Eagar, Ariz.
Maxwell, M. Eldridge, c-Un....Eagar, Ariz.
Maxwell, Lin V., ap-F....Eagar, Ariz.
May, Chester H., c-So....Rupert, Ida.
May, R. Golden, G-ss....Burley, Ida.

Maycock, Naomi, e-F..........Springville
Maynard, Earl L., a-F..........Riverton
Meldrum, James Robert, a-J......Provo
Mellor, Ada S., ss-e-J..........Provo
Mensel, Laura. ss-e-S..........Provo
Menzies, Charles, G..........Provo
Menzies, Lila, a-So..........Provo
Mercer, Alma C., a-F......Oakley, Ida.
Mercer, Luana, a-J..........Bountiful
Merkley, Evelyn P., Sp..........Provo
Merkley, Floyd c-S......Blackfoot, Ida.
Merkley, Harold E., a-S.......... Salt Lake City
Merrill, Alton D., e-So..........Provo
Merrill, Mrs. A. N., fa-Sp..........Provo
Merrill, Bentley, e-F....Phoenix, Ariz.
Merrill, Dave M., e-S..........Provo
Merrill, W. Douglas, ss-fa-S.......... Clifton, Ida.
Merrill, Harrison J., G..........Provo
Merrell, John D., a-F....Brigham City
Merrill, Laura H., e-J.......... Salt Lake City
Merrell, LaVoir, ap-F..........Vernal
Merrill, R. Owen, c-F......Clifton, Ida.
Merrill, Rex T., a-F........Eagar, Ariz.
Merrill, Vera M., a-S..........Provo
Merrell, Wm. A., ap-S..........Vernal
Michall, Geraldine A., e-F..........Provo
Mickelsen, Woodrow S., c-J....Draper
Mifflin, Celia S., e-F........Malad, Ida.
Mifflin, DeVota D., ss......Malad, Ida.
Mikkelsen, Soren P., ss-Sp..........Echo
Miller, Ada, c-F..........Panguitch
Miller, Alice L., ap-So..........Provo
Miller, Berniece, ss....American Fork
Miller, David E., a-S-G..........Layton
Miller, W. Elbert, c-J..........Provo
Miller, Elden L., ss....Pocatello, Ida.
Miller, Erma P., ss....Pocatello, Ida.
Miller, Joe J., a-F..........Springville
Miller, Karl A., G..........Provo
Miller, Merline, a-F..........Provo
Millet, Beulah, a-J..........Mesa, Ariz.
Millet, Lorin E., c-F..........Provo
Millet, Roy F., ss..........Mt Pleasant
Millet, C. Wayne, e-S........Mesa, Ariz.
Milliner, Darrel R., a-F..........Peoa
Miner, Harriett, a-F..........Springville
Miner, Helen F., e-S..........Fairview
Miner, Louie Jean, fa-So....Fairview
Miner, Marian, a-F..........Springville
Miner, Norma, c-Sp..........Springville
Miner, Orson L., G-ss..........Fairview
Mitchell, David R., G-ss..........Lehi
Mitchell, Esther, ap-S..........Provo
Mitchell, Irene, e-F..........Provo
Mitchell, MayLouise, fa-So..........Lehi
Mitchell, L. William, ss..........Provo
Moffit, R. Easton, ss..........Manti
Moir, Helen, e-So..........Provo
Molyneux, Norma E., e-So........Mona
Moncur, Vern L., e-So....Rupert, Ida.
Monk, Ralph W., a-So........Span. Fork
Monson ,Jesse H., a-So.......... Pleasant Grove
Moon. Dora, ap-F..........Hanna
Moon, Isabell A., e-F..........Kamas
Moore, Clara A., G-ss........Span. Fork
Moore, W. Harvey, Jr., a-So.......... Spanish Fork
Moore, Mabel, ss..........Fillmore
Moore, Samuel D., Jr., G-ss..Fillmore
Moore, Stanley, a-F..........Provo
Morby, Hortense, e-So.......... Pleasant Grove
Morgan, Arthur J., c-So......Mohrland
Morgan, Helen E., a-S......Moore, Ida.
Morgan, Helen, c-Un..........Provo
Morgan, Leo F., e-J..........Eureka
Morgan, Ralph J., ap-J....Span. Fork
Morrey, Utahna, e-F..........Joseph
Morrill, Clara, c-F..........Tridell
Morrill, Reed, G-ss..........Vernal
Morrey, Revo, ss..........Joseph
Morris, Helen W., c-S..Pocatello, Ida.
Morris, Margaret C., ss.......... Salt Lake City
Morris, Rachel, ap-Sp..........Provo
Mortensen, Estella, ap-J.......... Manassa, Col.
Mortensen, Floyd L., ap-F..........Sanford, Col.
Mortensen, Harry B., ss-Sp.......... Cleveland, Utah
Morton, Ermel J., ss-a-J......Mapleton
Moss, James E., G-ss..Salt Lake City
Moss, J. Wayne, G-ss......Oakley, Ida.
Moulton, Fern L., c-F......Heber City
Moulton, Maurine, c-F......Heber City
Mower, Harold J., a-Un..........Provo
Mullins, L. Darrell. c-F..........Provo
Mullins, Floyd E., F..........Provo
Munk, Orpha, ss..........Manti
Murdock, Carlie, fa-F..........Beaver
Murdock, Fern, e-F..........Heber City
Murdock, John R., e-So....Heber City
Murdock, Maurine, ss-fa-F........Provo
Murdock, Velda, a-F..........Provo
Murphy, Lee C., e-S..........Salina
Murphy, V. Lilia, fa-So..........Ogden
Murphy, Paul, e-J...... ....Upalco
Murray, Lorna, ap-S..........Vernal
Myrup, Orion F., ss..........Gunnison

Naegle, Pearl, e-J..........LaSal
Naisbitt, Jack L., a-F..........Logan
Nance, LuDema, ap-J..........Idaho Falls, Ida.
Naylor, J. Alan, a-So..........Bountiful
Naylor, Christella Hansen, e-So...... Boulder
Nebeker, LaVerde, e-F....Hilts, Calif.
Neilson, Inez H., ss-Sp..........Provo
Nelson, Byron C., ss-e-S.......... Montpelier, Ida.
Nelson, Charlotte, fa-F..Taylor, Ariz.
Nelson, Clayton, a-J..........St. George
Nelson, DelMar, fa-Sp.......... Pleasant Grove
Nelson, Donna, e-So........ Span. Fork
Nelson, Elmo A., c-J..........Upalco
Nelson, Evan, e-.......... ....J......Ferron
Nelson, Fred C., J..........St. George

Nelson, Harold S., ss-G....Grace, Ida.
Nelson, Jay L., c-J........Brigham City
Nelson, Kenneth P., ap-So......Ferron
Nelson, S. LaRelle, a-J..Rexburg, Ida.
Nelson, Leona R., a-F.............Elberta
Nelson, Maxine, ap-F........................... Darlington, Ida.
Nelson, Milton A., fa-J.............Provo
Nelson, Philip, a-Sp..........Span. Fork
Nelson, L. Raymond, G-ss........Provo
Nelson, Roscoe M., a-So...........Logan
Nelson, Talmage, ap-Sp...........Ogden
Nelson, Veda B., G...................Salina
Nelson, Willard C., a-So.............Provo
Neves, Elda, fa-F........Pleasant Grove
Newcomer, Vincent, fa-So......Morgan
Newell, Donna, ss.........................Mona
Newell, Rulon D., ss...........Elsinore
Newell, William L., c-F.............Provo
Newman, Bessie A., ss.................................... Pleasant Grove
Newren, Loey Y., a-F..................Provo
Newren, Nelda M., c-F................Provo
Nicholes, Eleanor L., a-J............Provo
Nicholes, Henry J., a-S................Provo
Nicholes, Joseph K., G................Provo
Nicholes, Paul S., a-So....Eagar, Ariz.
Nicholes, Sidney D., c-F......Am. Fork
Nickerson, C. Roy, c-Un............Provo
Nickerson, Sarah, fa-F......Grantsville
Nielson, Alfred C., ss-G.................................Salt Lake City
Nielson, Averil B., ap-J........Ephraim
Neilson, R. Clark, a-J................Provo
Nielsen, Dallin S., fa-J............Monroe
Nielson, Don, ap-S...............Mapleton
Nielsen, Douglas, aSo............Riverton
Nielson, Emil K., G-ss......... ......Provo
Nielson, Evelyn, e-F......Sanford, Col.
Nielson, Faughn, ss.......................Price
Nielson, Ferl, a-F.................Mapleton
Nielsen, Florence, e-J....Mt. Pleasant
Nielson, Geraldine, c-F......Springville
Nielson, R. Lamont, ss-Sp....Roosevelt
Nielsen, J. Lewis, ap-S....Spring City
Nielsen, Leon E., ap-F................Provo
Nielsen, Norma, c-F............Span. Fork
Nielson, Mabel, ss....................Murray
Nielson, Reed H., c-So..............Monroe
Nisonger, Wm. Max, a-S............Provo
Nisson, Antone W., a-S....Washington
Norberg, Lester M., G-ss......Coalville
North, Leo L., fa-F...........Heber City
Norton ,Leslie T., a-J...............Ogden
Nosack, F. KeKith, e-F........Riverton
Nosack, J. Walter, e-F........Riverton
Noyes, Newton E., ss-G........Ephraim
Nuttall, Wilkins, a-S....................Provo
Nuttall, Winifred R., c-F.................................... Twin Falls, Ida.

Oakley, Bert, a-So.........................Provo
Oaks, Charles, a-J......................Vernal
Oaks, LeRoy V., G....................Vernal
Oberhansly, Don S., a-F .Span. Fork
Oborn, Rulon B., a-So................Sandy
Ogden, Sadie, ss.....................Richfield
Okelberry, Ruth, ap-F................Goshen
Oldroyd, Geniel, e-F....................Venice
Oldroyd, Jay W., c-F................Venice
Olpin, Donna, e-So....Pleasant Grove
Olpin, Lawrence D., G-ss..................................New York City, N. Y.
Olsen, G. Anna, ap-F..................Provo
Olsen, Arlvan L., c-F....................Provo
Olsen, Beatrice O., Sp..Salt Lake City
Olson, Crista H., ss.................Payson
Olsen, Dean E., c-F......................Provo
Olsen, Donald P., fa-S................Provo
Olsen, Eugene, ss................Iona, Ida.
Olsen, Frederick, c-F...........Richmond
Olson, George F., ss................Fairview
Olson, Georgia, ss-fa-F..........Fairview
Olson, Jay A., a-F........................Provo
Olesen, John F., G-ss................Payson
Olsen, Joseph W., Sp................Moroni
Olsen, Lowell H., a-F..................Provo
Olsen, Marion J., a-J.....................Provo
Olsen, Marvin E., ap-So.. Pleasant Grove
Olsen, Morris J., a-J.....Mt. Pleasant
Olsen, Osmond, ss.......................Manti
Olson, L. Robert, c-S....................Provo
Olsen, Sterling R., a-F......Span. Fork
Omanson, John A., ss..................Provo
Orchard, Thelda E., c-F. ....Lewiston
Ord, Ralph W., a-F......................Nephi
Orser, L. Stan, a-So.............Roosevelt
Osmond, Marcia, G-ss................Provo
Osmond, Waldo, Sp....Salt Lake City
Oswald, Nolan C., e-F... Idaho Falls, Ida.
Ovenson, Conway H., ss....Mohrland
Owen, Jack, c-So................Kenilworth
Owens, Darlene, c-J......................Prov

Pace, Evelyn, a-J.......................Boneta
Pace, Joseph L., c-F....................Provo
Pace, Pauline, a-F.....................Boneta
Pace, Udall W., c-Sp....................Provo
Pace, William D., ss.....................Provo
Pack, E. Clare, fa-F.....................Provo
Packard, Hannah C., ss-e-J......Provo
Packard, Jane, fa-F......................Provo
Packard, Tess C., e-So......Springville
Page, J. Boyd, a-J..... ....Springville
Page, Faye, e-J...........................Goshen
Page, Fred T., c-So..................Payson
Palfreyman, Helen, ss........Springville
Palmer, Frank J., c-So... Farmington, N. M.
Palmer, J. H., ss........Salt Lake City
Pardoe, Norma, fa-J..................Provo
Parker, Alice, ss........American Fork
Parker, Lucille, e-F............ ....Provo
Parker. Robert W., a-S..................................... Mount Airy, N. C.
Parker, Thomas R., c-F..... Am. Fork
Parkes, Flora L., ss....................Nephi
Parkes, George B., a-F............Nephi
Parkes, Itha, ss........................ ....Nephi
Parkes, VeraDeane, ss-e-J........Nephi
Parkinson, Lygia, ap-So.. Rexburg, Ida.

Parrish, Helen C., fa-F..........Milford
Parrish, Wilma, e-F................LaPoint
Parry, Roland C., G-ss-Sp........Ogden
Partridge, Agnes, ss..............Fillmore
Partridge, Lyman M., a-S........Provo
Passey, Edward J., G-ss...........Logan
Passey, Richard S., c-F................Provo
Patrick, John C., ap-F......Springville
Patrick, W. Wallace..........Springville
Patterson, Edna L., ss................Moab
Patton, Pansy S., e-Sp...Kirtland, N. M.
Paulsen, Blanch, a-So...Lewisville, Ida.
Paxman, Annie S., fa-Sp...........Provo
Paxman, Arthur A., ss......St. George
Paxman, Beth, ss-fa-J.................Provo
Paxman, Ruth, c-F......................Provo
Payne, Albert L., c-Sp................Provo
Payne, Berthell, c-Sp..................Provo
Payne, Eugene D., e-F......Heber City
Payne, John W., ss-a-J...Lethbridge, Alta., Can.
Payne, E. Junius, c-So...Safford, Ariz.
Payne, Sara H., a-Sp..................Provo
Peacock, Vivian, fa-F..................Price
Pearson, Irvin B., G................Oakley
Peart, Mearl C., ss-e-S........Randolph
Peay, Barbara, c-F.........................Provo
Pehrson, George A., a-J............Magna
Penney, Donna R., ss................Kanosh
Penrod, Max W., ss....................Provo
Percival, C. Guy, e-F....................Ioka
Perkins, C. Blaine, ss..................Price
Perkins, Clayton L., e-F......Blanding
Perkins, Norma, a-J...........Monticello
Perrett, Barbara A., fa-J..Idaho Falls, Ida.
Perry, Asahel A., ss-e-S...........Provo
Perry, Ivan, ss...........................Vernal
Perry, Rolland, a-F....................Provo
Peterson, Alene S., fa-Sp..........Provo
Peterson, Alton H., ss-fa-J....Jensen
Peterson, Anna Lou, e-J........Richfield
Peterson, Aurelia M., a-F..Span. Fork
Peterson, Brigham, ss........Santaquin
Peterson, Cornelius R., c-J Ephraim
Peterson, Elvin, fa-F........Springville
Peterson, Ervin A., a-F........Fairview
Peterson, Ethelyn, a-J..........Ephraim
Peterson, L. Eugene, e-J...Mt. Pleasant
Peterson, W. Gayle, c-F........Riverton
Peterson, Helen M., ss..........Kaysville
Peterson, Howard, a-S................Provo
Peterson, Hugh W., ss................Provo
Peterson, H. Lester, ss..Rexburg, Idaho
Peterson, L. Elmer, ss...............Ogden
Peterson, Lois E., ap-So............Provo
Peterson, Louise, a-So..................Provo
Peterson, Lyle O., c-Sp............Ephraim
Peterson, Margaret E., fa-J..Salt Lake City
Peterson, Marion, e-S..Phoenix, Ariz.
Peterson, Melba, a-F..................Payson
Peterson, Mervin H., a-J..........Payson
Peterson, Myrtle D., ss............Jensen
Petersen, Nelda, ss................Hinckley
Petersen, Norma, c-F............Holladay
Peterson, Orson W., fa-S..Castle Dale
Peterson, Parlell G., e-J..............Provo
Peterson, Ray H., a-F..................Provo
Peterson, Raymond F., ss-G...Spanish Fork
Peterson, Russel V., fa-F..Santaquin
Peterson, Tom, c-So.....................Provo
Peterson, Virgil V., a-S...Pleasant Grove
Peterson, Wanda, e-So...Snowflake, Arizona
Phillips, Carlos A., a-F...Twin Falls, Idaho
Phillips, E. P. G.........................Ogden
Phillips, A. LaVon, e-J........Am. Fork
Phillips, Lucy A., G-ss........Springville
Pickett, Ross, ap-So......Oakley, Idaho
Pickup, Clair B., c-So................Vernal
Pierce, Cleo, G-ss................Springville
Pierce, Florence, e-So............Roosevelt
Pierce, Nettie J., ss........Malad, Idaho
Pitcher, Walter H., a-S..............................Cardston, Alberta, Canada
Pitchforth, Lucille, ss........St. George
Pitt, Wallace, c-F........................Kamas
Platt, Marion, e-F........Salt Lake City
Pond, Dorothy, fa-So.................Logan
Pond, Leon Y., ss-a-J................Ogden
Pond, Roland S., a-So..Fairfield, Ida.
Pond, Weeter S., a-F.................Ogden
Pond, Zera W. fa-Un....Fairfield, Ida.
Porter, Carol, fa-F...............Blanding
Porter, Maurice C., fa-F............Ogden
Postma, Frank, fa-J....................Vernal
Poulson, Elmo S., c-So...............Provo
Poulson, Enid, a-F..................Richfield
Poulson, Erma S., e-Sp..Lovell, Wyo.
Poulson, Leo A., ap-So...............Provo
Poulson, Lillian, a-F....................Provo
Poulson, Lorna, c-J................Richfield
Poulson, Marion W., G-ss....Holladay
Poulson, Merritt L., ss................Scipio
Poulson, Verle E., e-J..........Redmond
Powell, Gwendolyn T., c-F...Salt Lake City
Powell, Kathryn T., ap-F..Salt Lake City
Powelson, Dorothy, ss................Provo
Powelson, Lael, c-F......................Provo
Powelson, A. Marion, ss............Provo
Pratt, Beth, ss-fa-F......................Provo
Pratt, Effie M., ss.............Mesa, Ariz.
Preston, Edith, c-F......American Fork
Preece, Karl B., ss......................Vernal
Price, Pearl, ss...............Malad, Idaho
Priday, Leland F., fa-J........Am. Fork
Prior, David, e-So...........Spanish Fork
Probst, Karl L., c-J..................Midway
Probst, Reed G., G-ss............Escalante
Pryor, Helen J., e-So........Minersville
Pueschel, Heinz J., ap-F..Salt Lake City

Pulham, Ronald I., fa-F........McKinnon, Wyoming
Pullen, J. Everett, a-So........Provo
Purdy, Wiliam E., fa-F..Oakley, Wyo.
Purrington, Frances L., ss........Ogden
Pyne, Lucile, c-So........Provo
Quigley, Milton, e-F....Salt Lake City
Quinton, Eldon A., a-Un........Glenwoodville, Alta., Canada
Radmall, Marvin L., c-F........Pleasant Grove
Rambeau, Jean M., ss........Provo
Ramsbotham, Elizabeth, fa-Sp........Provo
Rasband. Mary, G-ss........Heber City
Rasmusson, Audrey J., e-F........Provo
Rasmussen, Cleo, c-F........Ferron
Rasmussen, Lenore, G-ss........Provo
Rasmussen, Max A., ap-F........Provo
Rasmussen, Ruth L., a-So........Rupert, Idaho
Rasmussen, Velma L., fa-Un....Provo
Ratcliffe, William, Jr., e-S........Provo
Reay, Claude M., a-Un........Salt Lake City
Rebentisch, Hamilton S., a-F........Portland, Oregon
Reber, Leonard, ss......Mesquite, Nev.
Redd, Louise E., ss........Blanding
Redd, Maude c-J........Monticello
Redd Merene ap-J........Banding
Redd Shirley e-F........Provo
Redd Sterling c-So........Blanding
Redd P. Vincent a-So........Blanding
Redd Wayne H. ss........Blanding
Reed Clefaine E., ap-F........Sanford, Colorado
Reed, Normand, ap-F..Sanford, Colo.
Reeder, William H., a-So........Ogden
Reece Madge Sp........Payson
Reece T. H. c-F........Payson
Reese Eldon L. c-J........Bloomington Idaho
Reese Rudolph P. G........Provo
Reeve Olive S. ss-fa-S........St. George
Reeve Thomas A. a-F........Hinckley
Reeves Benita E.. ss....Salt Lake City
Reid, Ernest L., ss........Hinckley
Remund, Carol., ap-F........Midway
Rex, Harold M., fa-F........Randolph
Reynolds. Allen C., G-ss....Circleville
Reynolds Elizabeth W., ss-a-S........Salt Lake City
Reynolds Levi E., a-S........Provo
Reynolds, Mildred D.. a-Un........Mapleton
Reynolds, Ralph H., fa-F........Salt Lake City
Rhoton, Royal W., c-F........Lakeside, Arizona
Rich, Abel S. G-ss........Brigham City
Rich, Lewis R., c-F........Morgan
Rich, Stella P., G-ss........Provo
Richards, Beth, a-J........Montpelier, Idaho
Richards, Catherine L., ss-e-S........Malad, Idaho
Richards, Elaine M., e-So........Oakley, Utah
Richards, Joseph E., G-ss........Salt Lake City
Richards, Louise, fa-J........Logan
Richards, Vernis, fa-So........Twin Falls, Idaho
Richardson, Eldon L., fa-So........Benjamin
Richardson, Elca, e-J........Thatcher, Arizona
Richardson, Ivan R., a-J........Thatcher, Arizona
Richardson, Vernon, c-F........Spanish Fork
Richens, Charles L., ss........Vernal
Richins, W. Dwaine, c-J........Burley, Idaho
Richins, Fay E., e-J........Wanship
Richins, Mary E., a-Sp........Provo
Richmond, Elaine, c-F........Provo
Ricks, Mary M., ss-e-S..Rexburg, Ida.
Ricks, Ruby, e-J........Idaho Falls, Idaho
Riddle, Clark, a-J........Panguitch
Ridges, Isabelle A., ap-F........Salt Lake City
Rigby, Avard, a-So........Hinckley
Rigby, Florence P., ss........Beaver
Rigby, M. Verdell, e-So........Hinckley
Rigby, Wendell N., G-ss........Beaver
Riley, E. Clara, e-So........Eureka
Ririe, Martin C., ap-J........Lewiston
Riska, W. Drews, e-F........Sandy
Robbins, Dorothy, a-So........Provo
Roberts, Beth A., a-J....Salt Lake City
Roberts, Jesse L., G-ss....Rupert, Ida.
Roberts, Kenneth D., a-F........Afton, Wyoming
Robertson, Brooks, c-F........Provo
Robertson, James A., a-F........Spanish Fork
Robbins, Mrs. Ruby, Sp........Salt Lake City
Robins, Thelma, e-F........Scipio
Robinson, Don S., c-J........Am. Fork
Robinson, Elma, e-S........Provo
Robinson, Marie A., c-F........Lehi
Robinson, Phyllis, e-S........Provo
Robinson, L. Ray, G-ss........Logan
Robinson, Merla, s....s........Coalville
Robinson, Ruth, e-S........Provo
Robinson, Ruth, e-F........Farmington
Robison, Alpha J., ap-J........Baker, Nevada
Robison, Ben H., a-F........Hinckley
Robinson, Elwin A., a-F........Baker, Nevada
Robinson, Newal J., a-F........Baker, Nevada
Rockwood, L. Marise, e-F........Salt Lake City
Rockwood, Oleah, ap-So........Salt Lake City
Rogers, Beatrice, a-F........Snowflake, Arizona
Rogers, C. Wayne, fa-F........Garland

Rolfson, H. Dean, a-J..........Raymond, Alberta, Canada
Rollins, J. Leslie, ss-E-J..........Lyman, Wyoming
Rollins, Melvin W., c-F..........Lyman, Wyoming
Rollins, Thella, c-F..........Lyman, Wyoming
Romer, Ruth, e-J..........Brigham City
Romney, Archie B., a-J..........Colonia Juarez, Chih., Mexico
Romney, Irvin B., c-F..........Colonia Juarez, Chih., Mexico
Romney, Isabelle, fa-J..........Colonia Juarez, Chih., Mexico
Romney, Jennie, a-So......Chicago, Ill.
Romney, Miles A., a-So..........Colonia Dublan, Chih., Mexico
Romney, Orin N., c-J..........Colonia Dublan, Chih., Mexico
Romney, Roxey, e-J..........St. George
Romney, Rulon, fa-F..........Colonia Juarez, Chih., Mexico
Romney, Thomas C., G-ss..........Logan
Ronnow, Lee A., c-F..........Pleasant Grove
Root, Mary Porter, a-S..........Ogden
Roper, Rawlin, ap-So..........Oak City
Roskelly, R. Welling, G-ss..........Rigby, Idaho
Rothe, Fern E., e-F..........Lehi
Rothe, Joseph M., a-F..........Lehi
Roundy, R. Acil, ap-F........Springville
Rowe, G. Browning, G-ss..........Provo
Rowe, Don W., a-F........Spanish Fork
Rowe, Glena O., a-F....Spanish Fork
Rowe, Marion, a-So..........Provo
Rowe, Minnie B., ss-a-Sp..........Provo
Rowe, Owen B., a-J..........Provo
Rowland, Max L., a-F......Springville
Rowley, Edith, e-So..........Helper
Rowley, Herman M., a-So..........Provo
Rowley, LaRue, a-So..........Helper
Rowley, Rinda, ss-fa-J..........Provo
Roylance, Fred H., c-Sp....Springville
Royle, Homer F., a-So..........Lehi
Rupper, John H., ss-a-F..........Provo
Russell, Lillian, ss..........Springville
Russell, Louise, ap-F.......... Springvile
Russell, Max H., a-So.......... .Provo
Russon, Alta, e-Un..........Los Angeles, Calif.
Ruud, Phyllis A., c-F..........Idaho Falls, Idaho
Sabin, V. David, c-J..........Salt Lake City
Salisbury, Howard E., a-So..........Springville
Salisbury, Wilma M., ap-J..........Independence, Missouri
Sandmeier, Mavis, fa-Sp....Am. Fork
Sanford, Hunt L., e-J..........Richfield, Idaho
Sant, Mabel, ss..........Clifton, Idaho
Sardoni, Dearwyn, ss-fr-F..........Grand Jct., Colorado

Sargent, George A., fa-F..........Idaho Falls, Idaho
Sauer, Gertrude, ss-G..........Provo
Sauer, Mable, a-Sp..........Provo
Schaerrer, G. Stewart, a-F....Payson
Schlappi, Lloyd K., a-So....Springville
Schmiett, Bennie, fa-So..........Midvale
Schofield, Dale, a-J..........Beaver
Schofield, Jay D., c-J....Rupert, Idaho
Schofield, William U., ap-So..........Hiko, Nevada
Schow, Elden C., c-S..........Lehi
Schow, Ila, fa-So..........Lehi
Schwieder, Ruth, e-F........Iona, Idaho
Scorup, Edith, ap-So..........Salina
Scorup, Ellen, fa-J..........Salina
Scott, Jenet, ss..........Provo
Scott, Mark J., ap-So..........Provo
Scott, Stella, ap-J..........Charlston
Seaman, J. Gordon, c-S..........Salt Lake City
Sears, Viola, fa-F..........Salt Lake City
Seaton, Frances M., a-So..........Price
Seegmiller, Frank K., G-ss..........Salt Lake City
Seegmiller, Marjorie, ss-c-S.......... Richfield
Seely, Grant M., a-F..........Brigham
Seely, Leola, e-J..........Brigham
Seiter, Erika E., a-S..........Provo
Selck, John R., c-So..........Provo
Sellers, Don F., fa-F..........Richfield
Senior, Max B., c-So..........Springville
Shanks, Ednal, e-J........Wells, Nevada
Shrap, G. Ariel, e-F..........Murray
Shaw, Frank W., fa-J..........Ogden
Shawcroft, D. Arnel, ap-F..........LaJara, Colorado
Shawcroft, Dee, ap-J..........LaJara, Colorado
Sheffield, Kenneth H., ss....Kaysville
Shelby, Frances, Sp..........Salt Lake City
Shellenberger, Dora D., a-F..........Ely, Nevada
Shelley, Fern E., fa-So..........American Fork
Shelley, Sarah E., a-So..........American Fork
Shepherd, Laura, G-ss..........Spanish Fork
Shingleton, Veneta L., ap-Sp....Provo
Shipp, J. Steele, c-J..........Provo
Shippee, E. Allen, fa-F..........Spanish Fork
Shipman, Edward, fa-So..........Provo
Shipman, Robert, a-F..........Provo
Showalter, Theda M., c-F........Vernal
Shumway, Nora, e-J..........Kanab
Shurtz, E. Beryl, ap-So......Escalante
Siddoway, Henry R., G-ss........Vernal
Simmons, Christa A., c-So..........Spanish Fork
Simmons, E. Dean, e-S..........Payson
Simmons, Dill M., a-F..........Provo

Simmons, Donald, G-ss..............Payson
Simmons, Gerald, a-So............Payson
Simmons, Nedra, ap-Un......Charlston
Simmons, Talmage D., a-Un..........Spanish Fork
Simons, Enos W., G..................Payson
Simpkins, Nedra, e-F....................Provo
Sjoberg, Lillian H., fa-J..........Pleasant Grove
Skidmore, Zella, G-ss..........Salt Lake City
Skinner, Grace, Sp............. ....Beaver
Skinner, Lucille, ss-e-S...............Provo
Skousen, Klien K., ap-F..........Chandler, Arizona
Smart, Margaret, a-F..................Provo
Smith, Alden, a-So......................Beaver
Smith, Donald, a-Un....................Provo
Smith, Floyd M., a-F ....Duchesne
Smith, M. Foss, ss-c-S..........Snowflake, Arizona
Smith, Harold H., c-So..........Snowflake, Arizona
Smith, Harvey E., a-F..........Pleasant Grove
Smith, Helen J., G-ss..........Pleasant Grove
Smith, Hyrum J., c-J..........Salt Lake City
Smith, Jean, ap-So......Pleasant Grove
Smith, Josephine A., c-S..........Salt Lake City
Smith, Julina, G..........Salt Lake City
Smith, Katherine T., ss-fa-So....Provo
Smith, Leone V., e-F.. Spanish Fork
Smith, LeRoy W., c-So..........Pleasant Grove
Smith, Lillian L., e-F............Altonah
Smith, Louise, ap-So..........Salt Lake City
Smith, Marjorie, e-S...................Provo
Smith, Marjorie Beth, c-So....Elsinore
Smith, Moroni W., G-ss............Hyrum
Smith, Norma, ss..........Cardston, Alberta, Canada
Smith, Phill O., a-Sp..........Panguitch
Smith, Phyllis, c-So........................Lehi
Smith, Robert E., fa-F.............Genola
Smith, Ruth I., ss-e-So...............Provo
Smith, Thales, Ap-So..........Greybull, Wyoming
Smith, Utella, fa-F.........................Lehi
Smith, William G., G-ss..........Snowflake, Arizona
Smith, Wilson, fa-F.....................Provo
Smith, Winifred, a-Sp..................Provo
Smoot, Anita, e-So........................Provo
Sneddon, Robert M., a-So..........Kemmerer, Wyoming
Snell, Della, e-J..........................Provo
Snell, Esmond E., a-S..................Provo
Snell, Iva R., ss-a-Sp..................Provo
Snell, Jay H., ap-F........Cowley, Wyo.
Snell, Maude, e-S.........................Provo
Snell, Morris R., ap-S..................Provo
Snow, Claude S., G-ss..................Provo
Snow, Earl, a-F.............................Provo
Snow, Edna, G....................Pine Valley
Snow, Gordon W., c-F................Provo
Snow, Hattie T., ap-Sp................Provo
Snow, Nelson A., a-J..........St. George
Snow, Orvel L., ss..........................Elmo
Snow, Ruth, fa-F.........................Payson
Snyder, Theron T., e-S............Payson
Snyder, Willard D., ap-F......Altonah
Soffe, Darrel D., c-F....................Sandy
Soffe, Orpha M., fa-So................Sandy
Soffe, Wayne, a-F....................Midvale
Sorensen, Allen B., a-S..........Spanish Fork
Sorensen, Carl W., e-J..................Lark
Sorenson, Evelyn, e-J..............Ephraim
Sorensen, Gladys, fa-So....Malad, Ida.
Sorenson, Sam A., fa-F....Springville
Sorenson, Virginia Rogers, e-J..........St. George
Sorensen, Willis H., fa-F............Lark
Sorensen, Wilson W., ap-F....Draper
Souter, Irma, a-Sp.......................Provo
Sowards, Josephine, ss-ap-S. ......Provo
Sowards, Willa L., e-J................Provo
Spalding, Alta J., a-F.................Provo
Spalding, Ardith, e-S..................Provo
Spear, Grace, a-Sp.........................Provo
Speckart, Orlene, fa-F................Provo
Spencer, Alice, fa-S........Paris, Idaho
Spencer, Emma L., fa-F............Malad
Spencer, Jack, a-J................St. George
Spencer, Seymour H., G-ss..........Montpelier, Idaho
Spendlove, E. Blaine, a-F.......... Hinckley
Spillman, Elizabeth, ss..........Telluride, Colorado
Spilsbury, LeGrande, ss-a-S..........Cedar City
Spongberg, Beulah, c-F..Preston, Ida.
Spotten, Mary, a-Sp......Sanford, Colo
Squire, Spencer, a-J.....................Manti
Stagg, John, ss.............................Vernal
Stagg, Margaret, G....Pleasant Grove
Staheli, Harvey R., ss..................Provo
Stahmann, Mark A., a-J..........Spanish Fork
Standifird, G. Blaine, ap-F..........Fruita, Colorado
Stanfield, Orville H., c-So..........Provo
Starr, Edna, ap-So.............Springville
Starr, Pearl, ss-e-S.............Springville
Startup, Norell, G-ss..................Provo
dman, W. Kenneth, a-J..Mammoth
Steedman, W. Kenneth, a-J.......... Mammoth
Steele, Ray D., ss........................Goshen
Steele, Stanford H., a-So..........Pleasant Grove
Stephens, Kirk A., a-So..........Long Island, New York
Stephens, Miland R., ss..............Ogden
Stephens, G. Sylvan, a-S............Provo
Stephens, Wanda, c-Sp................Provo
Stephenson, Beatrice, c-F.......Holden

Stephenson, Lohree N., e-Sp......Provo
Stephenson, J. Maiben, ss........Holden
Sterling, M. Helen, e-J..............Provo
Sterling, Len G., c-J......Spanish Fork
Stevens, Edith, ss......................Holden
Stevens, Jay, a-F..........................Provo
Stevens, Orin R., a-F............Randlett
Stevens, Ruth, e-J........El Paso, Texas
Stevenson, Keith G., a-F......Mohrland
Stevenson, Merlin D., fa-F................Weston, Idaho
Stewart, V. Dean, c-F............Fairview
Stewart, Don O., a-F..............Fairview
Stewart, J. Gale, fa-So................Logan
Stewart, Grace Nixon, G..................Salt Lake City
Stewart, Loris W., ss-e-J............Provo
Stewart, Maxine, ss-fa-So........Payson
Stewart, Merrill, a-F............Fairview
Stewart, Mildred, c-F..................Provo
Stewart, Robert, c-F..............Fairview
Stice, Virgil E., a-So............Am. Fork
Stoddard, George E., a-So................Flushing, New York
Stokes, W. Lee, a-So............Cleveland
Stolworthy, Rhea, ap-So....................Kirtland, New Mexico
Stone, Richard S., c-F..................Provo
Stott, Ruth, fa-Sp....................Meadow
Stout, H. Beth, c-F........................Moab
Stowell, Edna M., fa-S..Rexburg, Ida.
Stowell, Lucile C., ss..........Springville
Stronge, Verdon, a-F..................Heber
Strate, Fred C., G-ss....................Provo
Strauser, Ethel M., G-ss....Springville
Straw, Marjorie, fa-F........Springville
Straw, Rex E., a-F....Montpelier, Ida.
Strebel, George E., a-F........Roosevelt
Street, Ruby K., c-J....................Provo
Street, C. Wilson, a-F..................Provo
Strickler, Fredona H., fa-So....Ogden
Stringham, Catherine N., c-F..Vernal
Stringham, Jack, c-F.........................Salt Lake City
Stringham, Kenneth, c-Sp..........Provo
Strong, Bert, a-F..................Springville
Strong, Jay, a-S....................Springville
Strong, Leon M., G-ss........................Sugar City, Idaho
Strong, Vincent C., a-F............Midvale
Summerhays, Margaret, ss-a-Sp......Salt Lake City
Summers, Helen, G-ss................Provo
Summers, M. Jean, a-So..............Provo
Sumner, Elizabeth, e-F................Provo
Sumner, Maline, a-Sp..................Provo
Sumsion, Fred F., c-Sp......Springville
Sumsion, Melba, ss..............Springville
Sumsion, Merlene, e-J........Springville
Sundwall, C. Arthur, e-So....Fairview
Sundwall, Katherine, a-S......Fairview
Sundwall, Robert, e-So..........Fairview
Sutherland, Rex L., fa-J....Springville
Sutton, Helen, fa-F......................Provo
Sutton, Virginia F., fa-F............Provo
Swensen, Albert D., a-So............Provo
Swenson, A. Alfred, ss................Provo
Swenson, Calvin, a-So........................Pleasant Grove
Swenson, Francis McLean, a-Sp...... Provo
Swenson, Frank I., a-F..Spanish Fork
Swenson, Helen N., a-F....................Bancroft, Idaho
Swenson, Joseph C., c-S..............Provo
Swenson, Margaret, G-ss............Provo
Swenson, Margaret D., ss............Provo
Swenson, Martha T., ss-ap-S............Spanish Fork
Swenson, Mildred W., ss-ap-S..........Pleasant Grove
Swenson, Shirl H., fa-So....................Spanish Fork
Talbot, Phyllis L., ss............Hinckley
Tanner, George S., G-ss..Moscow, Ida.
Tanner, George, G........................Provo
Tanner, Margaret, ap-F..........Garland
Tanner, Margaret, ap-F..........Garland
Tanner, Obert C., G-ss........................Salt Lake City
Tanner, Orea B., G-ss..................Provo
Tanner, Wilmer W., a-J........Fairview
Tate, Leah H., e-So..............................Salt Lake City
Taylor, Ada, e-S..........El Paso, Texas
Taylor, Byron H., ss............St. George
Taylor, Carlos E., a-F........................Col. Juarez, Chih., Mex.
Taylor, Clarence D., c-Sp..........Provo
Taylor, W. Dean, ap-F..............Provo
Taylor, Edith, ap-F....................Payson
Taylor, G. Hal, a-So..........................Salt Lake City
Taylor, Herbert W., a-J....................Col. Juarez, Chih., Mex.
Taylor, J. Golden, c-J........................Spokane, Wash.
Taylor, Lamar A., a-S..El Paso, Tex.
Taylor, Margaret, ss-G........................Salt Lake City
Taylor, Mary J., G........................Provo
Taylor, Mattie, e-So..Spokane, Wash.
Taylor, Mennell H., a-So...................Col. Dublan, Chih., Mex.
Taylor, Nadine L., fa-J..............Provo
Taylor, Ralph H., a-F............Randlett
Taylor, Ruth V., a-J..........................Elk Grove, Calif.
Taylor, Sarah, ss............................Lehi
Taylor, Vivienne, c-F................Payson
Taylor, Wayne, c-F......Rupert, Idaho
Tea, LeGrande, a-So.............Riverton
Teerlink, Virginia, fa-So.....................Salt Lake City
Tenney, Helen, fa-F..................Vernal
Terry, Heath, a-F..................Hinckley
Tervort Wilma, ss......................Payson
Teuscher, Charles H., ss...................Montpelier, Idaho
Teuscher, Mona C., ss.......................Montpelier, Idaho
Tew, Merlene, ap-S..............Springville
Tew, Naoma, fa-F................Springville
Tew, William T., G-ss........Springville

Thatcher, Leonard J., c-Un........Provo
Thaxton, Olive, e-F....................Riverton
Tholen, Margaret, e-So.............Midvale
Thomas, Dan, e-F..........................Ogden
Thomas, David S., G-ss....Huntington
Thomas, L. Dean, a-F....Spanish Fork
Thomas, Gertrude C., ss....................Salt Lake City
Thomas, Grace, e-So....................Heber
Thomas, Jack, a-So.................Schofield
Thomas, Lizzie, ss..........Malad, Idaho
Thomas, Margaret M., fa-F......Heber
Thomas, Margaret N., e-J........Ogden
Thomas, E. Maurice, a-F............Provo
Thomas, Rex, a-So........................Provo
Thompson, Avis, e-F..........Springville
Thompson, Blaine, ss....................Provo
Thompson, Blodwen M., e-F......Provo
Thompson, Julia M., ap-F.................. Cannonville
Thompson, SinClair, a-F .....Circleville
Thompsen, Grant A., e-S......Ephraim
Thompson, Ralph D., G-ss....Ephraim
Thorderson, Hilga, a-J........Cleveland
Thorderson, Parley, ss-e-J..Cleveland
Thorne, Charles J., a-J......................Pleasant Grove
Thornton, Jas. W., G-ss............Provo
Thornton, J. Max, e-So................Delta
Thornton, Leora H., fa-Sp........Provo
Thorson, Theodore W., ap-J............Outlook, Montana
Threet, Ardelle, fa-F......Lovell, Wyo-
Threet, Roann O., fa-F.....................Great Falls, Montana
Thurston, Harold B., fa-So............Salt Lake City
Tippets, Don H., ap-So.......................Cowley, Wyoming
Tippetts, Vernal F., e-J........Benjamin
Tobler, Mildred, ss..Bunkerville, Nev.
Tobler, Ren E., ss........Mesquite, Nev.
Todd, Alice, c-F............Midvale, Utah
Todd, Florence, e-F.................Midvale
Todd, Josie, ap-F................Heber City
Toland, Elaine, e-F..........Afton, Wyo.
Tolboe, Donna M., e-F...............Provo
Told, Leone, ss............Pleasant Grove
Tolhurst, Chas. Gilbert, fa-J....Ogden
Tooth, Elizabeth, ss....................Manti
Tucker, Afton, a-F........................Provo
Tucker, Lloyd, c-Un................Fairview
Tuft, Harold V., a-F....................Provo
Turner, Genevieve, ss............Kaysville
Turner, Nathan A., ap-F..........Vernal
Turner, Ruby, ap-F......................Delta
Turpin, Marlow, a-So.........................Salt Lake City
Tuttle, Lawrence E., ss.............Provo
Tyler, Clark, a-So...............................Los Angeles, Calif.
Ungricht, LaVerne S., c-S..................Salt Lake City
Van Alfen, Nicholas, e-S............Ogden
Vance, E. Merle, G......Jerome, Idaho
Vance, Morris R., c-J..................Provo
Vance, S. Lloyd, c-J....................Provo
Vance, Serena B., ss....................Provo
VanCott, LeRoy B., ss-c-S..................
Van Dam, Lillieth, a-F.......................Salt Lake City
Van Leuven, C. Orlan, c-F...............Thayne, Wyoming
Van Wagenen, Fay E., ss-a-S....Provo
Van Wagoner, Ferrin D., a-F........ Midway
Verney, John W., c-So.......................Mesa, Arizona
Vernon, Lucile, c-F.......................Provo
Vernon, Wm. M., ss.....................Provo
Vest, Edwin I., G-ss....................Ogden
Vest, H. Grant, G-ss..................Vernal
Vest, Niles L., a-S.....................Payson
Vickers, Reva, fa-So....................Nephi
Visage, Madge P., e-Sp.......................Kietland, New Mexico
Wade, Helen, e-F........................Ogden
Wadley, Lucy M., ap-F....................Pleasant Grove
Wagers, Marjorie, e-So........Roosevelt
Wagstaff, Amy, fa-F............Am. Fork
Wagstaff, Don, ap-F............Am. Fork
Waite, LeRoy, a-So..........Arco, Idaho
Wakefield, J. Homer, G-ss........Provo
Waldo, Vern H., e-So..........................Salt Lake City
Waldram, LuDeen, fa-So.....................Sugar City, Idaho
Waldram, Ruth, ap-S...........................Sugar City, Idaho
Walker, Ellen, ap-So............Am. Fork
Walker, Fay H., a-So.........................Raymond, Alta., Canada
Walker, J. Harris, a-S..........................Raymond, Alta., Canada
Wall, Jason A., a-So..................Goshen
Wall, Ruth A., fa-F...............Randlett
Walsh, Reed H., a-F........Farmington
Walton, Harold B., a-F..............Provo
Wanlass, L. Glen, G.......................Lehi
Ward, J. Clyde, fa-Sp...................Provo
Ward, Dorothy M., e-F........................Bloomington, Idaho
Wardle, Ferrel, fa-So.... ....Roosevelt
Warner, Clifford, c-S....Spanish Fork
Warner, Ellen, fa-F.........Ely, Nevada
Warner, Marie, c-F.......................Provo
Warner, Max, ss-e-S....................Provo
Warner, Meldon N., e-F.........Fillmore
Warnick, Adolph P., G-ss...................Pleasant Grove
Warnick, Don C., c-F..................Provo
Warnick, Effie, G-ss-G........................Pleasant Grove
Warnick, Erma, c-So....................Prov
Wasden, Howard A., ss..........................Las Vegas, Nevada
Washburn, DeMonte, fa-So....Monroe
Washburn, V. Fred, a-J..............Provo
Washburn, Jesse A., G-ss-G.........Provo
Washburn, J. Niles, G-ss............Provo
Washburn, Roland, fa-F............Provo
Waters, J. Vaur, e-S....Spanish Fork
Watson, Arden E., ap-Un..................Lovell, Wyoming

Watson, Leonard D., c-So.....Raymond, Alta., Canada
Watts, J. Clayton, G-ss....Centerfield
Watts, Orvil A., G-ss....Provo
Webb, John H., e-J....Am. Fork
Webb, Lynn R., c-S....Lehi
Webb, Ross C., c-J....Castle Gate
Wedge, Virgil, c-J....Caliente, Nev.
Weight, Karl R., ap-S....Springville
Weight, Newell B., fa-F....Springville
Weight, Phena B., a-Sp....Provo
Weight, Shirley, e-F....Provo
Weight, Wilford A., c-So..Springville
Welch, Eloise, a-F....Midvale
Wells, Allen T., ss....Lehi
Wells, Anna, fa-F....Provo
Wentz, Lorna C., fa-J....Provo
Wentz, Myrl, G-ss....Provo
Wentz, Ray V., ss....Provo
West, E. Eugene, a-F....Pleasant Grove
West, Leona, ss....Spanish Fork
West, Roy A., G-ss....Paris, Idaho
Westman, Arden C., a-F....Long Beach, Calif.
Westover, Lavada, e-J....Mesa, Ariz.
Westover, M. Russell, a-F....Joseph City, Arizona
Whatcott, H. Devello, G-ss....Provo
Wheeler, Goldie G., ss....Silver City
Wheeler, Helen, e-J....Springville
Wheeler, Melvern S., a-So....Salida, Colo.
Wheeler, Ray D., a-So....Gering, Nebraska
Whetstone, Artimicia L., c-F....Lovell, Wyoming
Whetstone, Lawrence J., ap-F....Lovell, Wyoming
Whipple, Don B., a-F....Nephi
Whitaker, George W., c-F....Provo
White, Clara, c-F....Beaver
White, M. Dean, fa-J....Morgan
White, Fay F., fa-Un....Provo
White, Josephine, e-S....Beaver
White, Marion, ss....Beaver
White, S. Max, fa-F....Morgan
White, Nina, ap-F....Pleasant Grove
White, Sara, ap-J....Morgan
White, Zola, c-So....Beaver
Whitehead, LeRoy, G-ss....Nephi
Whiteley, Alicebeth, ss-e—....Oakley, Idaho
Whiting, Leland R., ap-Sp....Provo
Whiting, Ray, G....Springville
Whiting, W. Verl, c-J....Springville
Whiting, Wanda, e-Sp....Wallsburg
Whitlock, Aldous, a-F....Axtell
Whitlock, Loyd C., ss....Mayfield
Whitlock, Mildred, e-J....Mayfield
Whitman, Jay, e-S....Lehi
Whitman, Lawrence S., ss-fa-S....Grand Junction, Colo.
Whitwood, Kenneth R., e-J....Spanish Fork
Wickman, Bessie, e-F....Castle Dale
Wignall, Dorothy, fa-Un....Payson
Wignall, J. Earl, c-Sp....Provo
Wignall, J. Lloyd, a-J....Payson
Wilcock, Helen E., ss....Lovell, Wyo.
Wilcox, Edith M., ap-F....Salt Lake City
Wilcox, Frank R., ss-e-Sp....Caliente, Nevada
Wilcox, Vernon D., fa-F....Baker, Oregon
Wilde, E. Dorell, c-Sp....Provo
Wilde, J. Keith, a-F....Spanish Fork
Wilde, Vivian, ss....Spanish Fork
Wilde, Woodrow A., c-F....Am. Fork
Wilkerson, Clifford W., a-F....Provo
Wilkins, J. Ralph, G-ss....Mesa, Arizona
Wilkinson, Glen A., c-Sp....Ogden
Willard, Roswell B., G....Phoenix, Arizona
Willey, Ivan, a-S....Byron, Wyoming
Willey, Roy DeVerl, Sp..Byron, Wyo.
Williams, Alva B., a-Sp....Provo
Williams, Annie R., ss-fa-Sp....Ogden
Williams, Carroll, fa-F....Provo
Williams, Dorothy C., c-F....Craig, Colorado
Williams, Earl, fa-F....Provo
Williams, Fenton L., Sp....Roosevelt
Williams, Ila H., a-Sp....Provo
Williams, Lacy, ss-c-So....Provo
Williams, Max D., a-F....Provo
Williams, Morris P., e-F....Kamas
Williams, Nephi L., G-ss..Castle Dale
Williams, Ruth, e-F....Castle Dale
Williams, Vodis E., ss....Murray
Williams, J. Walter, J....Emery
Wilson, Boyd L., e-F....Payson
Wilson, H. Carma, a-So....Roosevelt
Wilson, Cecil, ss....Eureka
Wilson, Don C., a-J....Panguitch
Wilson, Genava, fa-F....Midway
Wilson, Grace, ss....El Paso, Texas
Wilson, Harvey H., c-So....Richfield
Wilson, Jesse E., e-S....Payson
Wilson, Mabel, ss-e-J....Provo
Wilson, Marguerite I., ss....Provo
Wilson, Mary P., So..Pleasant Grove
Wilson, Max C., a-F....Lehi
Wilson, Melba, ap-F....Payson
Wilson, Melissa S., ss....Provo
Wilson, O. Meredith, G-ss-G....Provo
Wilson, Reed, e-J....LaVerkin
Wilson, Shirl G., a-F....Provo
Wilson, Woodrow S., a-So....Provo
Winbourn, James L., a-Un....Moab
Wing, Niles M., a-F....Am. Fork
Wing, Sherman, a-S....Am. Fork
Winterton, Allen, c-F....Charleston
Winterton, LaPreal, a-F....Provo
Winterton, Olive, ss-ap-S....Provo
Winward, Morris H., e-F....Whitney, Idaho
Wiscombe, Leland M., c-J....Roosevelt
Wiscombe, J. Reed, a-So....Roosevelt
Wood, Everett D., e-F....Murray
Wood, J. Karl, G-ss....Hyrum
Wood, Leora, c-F....Buhl, Idaho
Wood, Lynne K., a-J....Helper
Wood, Merrill E., fa-S....Farmington

Woods, Charlene, ap-F................Ogden
Woods, Margaret, c-Un..............Provo
Woodhouse, Florence, fa-J......Beaver
Woodruff, Alice R., a-F........Holladay
Woodruff, Asahel D., e-S.................. Independence, Missouri
Woodruff, Manford, c-F..........Vernal
Woodward, Jack E., a-So..................Salida, Colorado
Woolf, Anthony D., a-J ....Provo
Woolf, Beth, c-Sp........................Provo
Woolf, Golden L., G-ss-G............Provo
Woolley, Allan C., ap-F........Randlett
Wooley, Cloyd L., c-F..............Vernal
Woolley, Henry A., c-So........Randlett
Woolsey, Mary H., ss..........................Salt Lake City
Wootton, Edna, c-F............Heber City
Wootton, Marlowe V., a-So..............Blackfoot, Idaho
Wootton, Mary, e-So..........................Salt Lake City
Wootton, Ray W., a-F............Midway
Worlton, Dean T., ss......................Lehi
Worsley, Helen B., ap-S............Provo
Worsley, Sadie P., G-ss..............Provo
Wrathall, C. Irene, ap-F..Grantsville
Wride, Leon D., a-So..........Benjamin
Wright, Albert H., fa-J....Malad, Ida.
Wright, T. Donald, a-S......................Pleasant Grove
Wright, Frank W., a-J............Midvale
Wright, Glade M., a-S..........Hinckley
Wright, Lynn A., c-S..................Provo
Wright, Rodney A., a-F........Hinckley
Wright, Rosella, e-So............Hinckley
Wright, Verl, ap-So......................Provo
Yarbrough, Maurine, fa-S........Ogden
Yancey, Lowell J., ap-So.................Blackfoot, Idaho
Yardley, June, fa-F...................Beaver
Yates, Huish F., c-S.........................Salt Lake City
Youd, Stella, e-J............Spanish Fork
Youkstetter, Pearl I., a-F..................Huntington Park, Calif.
Young, Alaire, c-F......................Provo
Young, Amy M., fa-So........................Colonia Juarez, Chih., Mex.
Young, Chester J., c-Sp................Provo
Young, Clifford E., a-So......Am. Fork
Young, W. Ernest, ss-G...................Colonia Juarez, Chih., Mex.
Young, Evelyn, e-So....................Heber
Young, Helen, ap-J ....Am. Fork
Young, Kerol, a-F........................Kanab
Young, Loyd L., a-S..............Blanding
Young, Martin R., a-F......Mesa, Ariz.
Young, Newel K., G-ss............Richfield
Young, Persis M., fa-F................Delta
Young, Rhoda J., G............................Idaho Falls, Idaho
Young, Sylvia, e-F........................Heber
Young, Thelma M., ss....Tuscon, Ariz.
Young, Theodore K., c-J..........Provo
Young, Welby Wm., fa-F..........Heber
Zeyer, Erwin F., c-So....Melba, Idaho
Zumbrunnen, George A., fa-F........Coalville
Zumbrunnen, Naomi V., e-J..Coalville

Summary of Students for 1934-35

Graduates	94	
Seniors	226	
Juniors	373	
Sophomores	443	
Freshmen	818	
Unmatriculated	53	
Specials	169	2176
Summer School 1934:		
Graduates		
Other University Students		615
Correspondence and Extension Students		507
Secondary Training School:		
Senior High School		
Junior High School		
Elementary Training School		270
		3770
Less those counted more than once		293
Number receiving institutional credit		3477

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1936-1937

Published by the

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PROVO, UTAH

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BRIGHAM YOUNG UNIVERSITY
QUARTERLY

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1936-1937

PUBLISHED BY THE
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PROVO, UTAH

1936

JANUARY

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ARTHUR WINTER, Secretary-Treasurer

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THOMAS N. TAYLOR
J. WM. KNIGHT
STEPHEN L. CHIPMAN

University Calendar

1936

AUTUMN QUARTER

September 8—Training School begins.
September 28—First Faculty Meeting.
September 25 and 26—Registration days. Freshman instructions and examinations.
September 28—Registration continued.
September 29—Instruction begins.
October 16—Founder's Day.
November 25 to November 30—(Wednesday evening until Monday morning)—Thanksgiving Recess.
December 18—Autumn Quarter closes.

1937

January 4—Winter Quarter begins.
January 25 to January 29—Leadership Week.
March 19—Winter Quarter closes.

SPRING QUARTER

March 22—Spring Quarter begins.
June 6—Baccalaureate services.
June 8—Alumni Reunions.
June 9—Sixtieth Commencement Exercises.
June 14—Summer Quarter begins.

Administrative Officers

Franklin S. Harris	President
Kiefer B. Sauls	Secretary to the President Purchasing Agent
Edward H. Holt	Secretary-Treasurer
Carma Ballif	Assistant in Treasurer's Office
Barr Miller	Assistant in Treasurer's Office
John E. Hayes	Registrar
Christen Jensen	Dean of the Graduate School
Carl F. Eyring	Dean of the College of Arts and Sciences
Herald R. Clark	Dean of the College of Commerce
Amos N. Merrill	Acting Dean of the College of Education
Gerrit de Jong, Jr.	Dean of the College of Fine Arts
Thomas L. Martin	Acting Dean of the College of Applied Science
Harrison R. Merrill	Director Extension Division
Hugh M. Woodward	Dean of the Summer Session
Nettie Neff Smart	Dean of Women
Lloyd L. Cullimore	Medical Director
Edgar M. Jensen	Director Training Schools
Anna Ollorton	Librarian

The Faculty †

FRANKLIN STEWART HARRIS.................................**President**

B. S. Brigham Young University, 1907; Ph. D., Cornell University, 1911; Student University of Paris, 1927; Instructor, Juarez Academy, 1904-05; Assistant Chemist, Utah Experiment Station, 1907-08; Instructor in Soils, Cornell University, 1907-08; Professor of Agronomy, Utah Agricultural College and Agronomist Utah Experiment Station, 1911-21; Director School of Agricultural Engineering and Mechanic Arts, 1912-16; Director Utah Experiment Station, 1916-21; President Brigham Young University, 1921-.

JOHN C. SWENSON..........**Professor of Economics and Sociology**

A. B., Stanford University, 1898; M. A., Columbia University, 1921; Graduate work, Columbia University, Summer of 1924; Assistant Professor of English, Brigham Young University, 1898-99; Professor of History and Economics, 1899-1900; Dean of College of Education, 1921-24; Professor of Economics and Sociology, 1906—.

CHARLES E. MAW....................................**Professor of Chemistry**

A. B., Stanford University, 1903; S. M., University of Chicago, 1916; Ph. D., Stanford University, 1924; Graduate work, Columbia University, 1916; University of California, 1923; Professor of Chemistry, Brigham Young University, 1903—.

ALFRED OSMOND.......................**Professor of English, Emeritus**

A. B., Harvard University, 1903; M. A., Columbia University, 1920; Graduate work, University of Chicago; Columbia University; Professor of English, Brigham Young University, 1903—.

CHRISTEN JENSEN ....**Professor of History and Political Science, Dean of Graduate School**

A. B., University of Utah, 1907; A. M., Harvard University, 1908; Ph. D., University of Chicago, 1921; Graduate work, University of California; Study in Europe, 1928; Assistant Professor of History and Political Science, Brigham Young University, 1908-11;

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†The University Council consists of the President and all members of the faculty with the rank of professor, associate professor, or assistant professor.

Professor, 1911—; Acting Dean College of Applied Science, 1924-29; Dean Graduate School, 1929—.

ELBERT H. EASTMOND..**Professor of Art**

Diploma in Normal Art and Manual Training, Pratt Institute, 1902; B. Pd., Brigham Young University, 1906; Graduate Work, California School of Fine Arts, University of California; California School of Arts and Crafts; Rionido School of Art, University of Washington; European Travel Study; Professor of Art, Brigham Young University, 1904—.

AMOS N. MERRILL..............**Professor of Secondary Education**
Acting Dean of College of Education

B. S., Utah Agricultural College, 1896; M. S., University of Illinois, 1908; Ph. D., Stanford University, 1926; Professor of Agriculture, Brigham Young College, 1905-09; Professor of Agriculture, Brigham Young University, 1910-22; Dean of Church Teachers' College, 1917-23; Professor of Secondary Education and Supervisor of Secondary Training, 1924—.

EDWARD H. HOLT..........................**Professor of Office Practice**
Secretary of the Faculty

B. Pd., Brigham Young University, 1895; Assistant Professor of Business Education, 1895-1902; Professor of Business Education, 1902-21; Professor of Office Practice, 1921—.

ALICE L. REYNOLDS..................**Professor of English Literature**

A. B., Brigham Young University, 1910; Graduate work, University of London, 1911; Two years Graduate work, European Universities; University of Chicago; University of California, 1923: Columbia University, 1932-33; Instructor in English, Brigham Young University, 1894-1911; Professor of English Literature, Brigham Young University, 1911—.

CARL F. EYRING.............**Professor of Physics and Mathematics**
Dean of the College of Arts and Sciences

A. B., Brigham Young University, 1912; M. A., University of Wisconsin, 1915; Ph. D., California Institute of Technology, 1924; Assistant in Physics, University of Wisconsin, 1914-15; Assistant in Physics, California Institute of Technology, 1922-23; Research Specialist, Bell Telephone Laboratories, 1929-31; Assistant in Physics, Brigham Young University, 1910-12; Instructor, 1912-14; Assistant Professor, 1915-17;

Professor of Physics and Mathematics, 1917—; Dean of the College of Arts and Sciences, 1924—.

VILATE ELLIOTT..........................Professor of Home Economics

B. Pd., Brigham Young University, 1895; Graduate work Pratt Institute; Student State Normal School Santa Barbara, California; University of Chicago; Study in Europe, 1924-25; Floating University, 1930-31; Professor of Home Economics, Brigham Young University, 1908—.

BENJAMIN F. CUMMINGS....................Professor of Modern and Classical Languages

A. B., University of Utah, 1913; Graduate work, University of Utah; University of Chicago; Stanford University; University of Paris; Instructor Modern Languages, Latter-day Saints University, 1910-12; 1914-20; Instructor Modern Languages, University of Utah, 1913-14; Professor of Modern and Classical Languages, Brigham Young University, 1920—.

FLORENCE JEPPERSON MADSEN.......... Professor of Music

B. M.. Chicago Musical College, 1926; M. M., 1927; Doctor of Music, Boguslawski College of Music, 1932; A. B., Brigham Young University, 1934; Graduate Work in Music, New England Conservatory of Music; Director, Vocal Department, Lasalle Seminary, Boston, 1911-16; Instructor in Vocal Art, L. D. S. School of Music and Weber College, 1916-18; Instructor in Music, Chicago Musical College, Summers of 1927-28; Brigham Young University, 1910-11; 1916-18; Professor of Music, 1920—.

THOMAS L. MARTIN.......................Professor of Agronomy and Bacteriology, Acting Dean of the College of Applied Science

A. B., Brigham Young University, 1912; Ph. D., Cornell University, 1919; Study in Europe, 1930; Principal, Big Horn Academy, 1912-15; Emery Stake Academy, 1916-17; Millard Academy, 1919-21; Instructor in Soils, Cornell University, 1917-19; Professor of Agronomy, Brigham Young University, 1921-35; Professor of Agronomy and Bacteriology, 1935—.

HUGH M. WOODWARD...................Professor of Philosophy of Education, Dean of Summer Session

A. B., Brigham Young University, 1911; M. A., University of Utah, 1918; Ph. D., University of California, 1920; Principal, St. George Academy, 1911-14; President Dixie Normal College, 1914-20; Professor of Education, University of Washington, Summer of 1925; Professor on University Afloat, 1928-29; Professor of Philosophy of Education, Brigham Young University, 1921—; Dean of Summer Session, Brigham Young University, 1921-27; 1930—.

WILLIAM J. SNOW..**Professor of History**

A. B., Brigham Young University, 1919; Ph. D., University of California, 1923; Principal, Uintah Stake Academy, 1906-08; Instructor in History, Brigham Young University, 1910-15; Assistant Professor of History, 1915-17; Professor of History, 1917—.

T. EARL PARDOE..**Professor of Speech**

Graduate of Leland Powers School, 1913; A. B. Brigham Young University, 1925; M. A. University of Southern California, 1932; Graduate Work, Columbia University; Speech Correction, University of Southern California; University of Louisiana; Head of Department of Dramatic Art and Public Speaking, Weber Normal College, 1915-18; Associate Professor of Public Speaking and Dramatic Art, Brigham Young University, 1920-22; Professor of Speech, 1922—.

M. WILFORD POULSON............................**Professor of Psychology**

A. B., Brigham Young University, 1914; M. A., University of Utah, 1919; Graduate Work, University of Chicago, two years from 1916 to 1925; Assistant Professor of Education, Brigham Young University, 1916-19; Associate Professor of Education, 1919-22; Associate Professor of Psychology, 1922-23; Professor, 1923—.

VASCO M. TANNER.........**Professor of Zoology and Entomology**

A. B., Brigham Young University, 1915; M. A., University of Utah, 1920; Ph. D., Stanford University, 1925; Head of Department of Biology, Dixie College, 1916-18, 1920-24; Professor of Zoology and Entomology, Brigham Young University, 1925—.

HERALD R. CLARK.................**Professor of Finance and Banking**
Dean of the College of Commerce

A. B., Brigham Young University, 1918; M. B. A., University of Washington, 1924; Graduate Work, Ohio State University; Instructor in Accounting, Brigham Young University, 1913-17; Assistant Professor of Finance and Banking, 1917-27; Associate Professor of Finance and Banking, 1927-28; Professor, 1928—; Dean College of Commerce, 1934—.

PARLEY A. CHRISTENSEN..........................Professor of English

B. S., Utah Agricultural College, 1914; A. M., Stanford University, 1925; Ph. D., Stanford University, 1927; Assistant Professor of English, Brigham Young College, 1917-25; Professor of English, Brigham Young College, 1925-26; Associate Professor of English, Brigham Young University, 1927-28; Professor, 1928—.

G. OTT ROMNEY......................Professor of Physical Education and Director of Athletics

A. B., University of Utah, 1912; M. A., University of Utah, 1913; B. S., Montana State College, 1916; Graduate Work, Harvard University, Graduate School of Business Administration; Athletic Coach and Instructor, Billings (Montana) High School, 1916-1918; Director Physical Education and Athletic Coach, East Salt Lake High School, 1919-1922; Director of Athletics, Professor of Physical Education and Vice-Dean of Men, Montana State College, 1922-28; Instructor (History, Government, Economics) Montana State Normal College, Summers of 1926-27-28; Professor of Physical Education and Director of Athletics, Brigham Young University, 1928—.

GERRIT de JONG, JR...................Professor of Modern Languages Dean of College of Fine Arts

A. B., University of Utah, 1920; M. A., 1925; Ph. D., Stanford University, 1934; Graduate work, National University of Mexico; University of Munich; Stanford University; Instructor Murdock Academy, 1916-18; Instructor, Latter-day Saints University, 1919-25; Associate Professor of Modern Languages, Brigham Young University, 1925-29; Professor 1929—; Dean of College of Fine Arts, Brigham Young University, 1925—.

GEORGE H. HANSEN.........Professor of Geology and Geography

B. S., Utah Agricultural College, 1918; M. S., George Washington University, 1925; Ph. D., George Washington University, 1927; Field Work with U. S. Geological Survey, Summers of 1918, 1925, 1926 in Utah, Colorado and New Mexico; Assistant Professor of Geology and Geography, Brigham Young University, 1927-29; Professor of Geology and Geography, 1929—.

ELMER MILLER..**Professor of Economics**

A. B., Stanford University, 1914; Graduate work, Stanford University; University of Chicago; University of California; Instructor Dixie Normal College, 1911-12; Superintendent Alpine School District, 1922-25; Associate Professor of Economics, Brigham Young University, 1923-29; Professor of Economics, 1930—.

MILTON MARSHALL..**Professor of Physics**

A. B., Brigham Young University, 1918; Ph. D., University of Chicago, 1924; Instructor of Physics, Brigham Young University, 1919-21; Assistant Professor, 1924-27; Associate Professor, 1927-30; Professor, 1930—.

GUY C. WILSON....................**Professor of Religious Education**

B. Pd., Brigham Young University, 1900; Graduate work, Brigham Young University, University of Utah, University of Chicago, Columbia University; Instructor, Brigham Young University, 1896-97; Principal Juarez Stake Academy, 1897-1912; Teacher of Granite Seminary, 1913-15; President Latter-day Saints University, 1915-26; Supervisor of Religious Education, L. D. S. Department of Education, 1926-30; Professor of Religious Education, Brigham Young University, 1930—.

BENT F. LARSEN..**Professor of Art**

A. B., Brigham Young University, 1912; M. A., University of Utah, 1922; Graduate work, University of Chicago, Art Institute of Chicago, Academie Julian, Paris, Academie Colarossi, Paris, Academie de La Grande Chaumiere, Paris; Student in Europe for sixteen months, 1929-30, with George Elmer Brown Art Group and in the Academie Andre' L'Hote; Supervisor of Art, B. Y. U. Training School, 1908-12; Associate Professor of Art, 1912-1931; Professor of Art, 1931—.

LEROY J. ROBERTSON.................................**Professor of Music**

Graduate of New England Conservatory of Music, 1923; A. B., Brigham Young University, 1932; M. A., Brigham Young University, 1932; Study in Europe, 1932-33; Instructor of Music, Brigham Young University, 1924-26; Assistant Professor of Music, 1926-27; Associate Professor of Music, 1927-31; Professor of Music, 1931—.

HARRISON R. MERRILL.......................Professor of Journalism
Director of Extension Division

B. S., Utah Agricultural College, 1916; M. S., Pulitser School of Journalism, Columbia University, 1930; Graduate work, Utah Agricultural College, Brigham Young University, Medill School of Journalism, Northwestern University, 1927; Instructor in English, Oneida Academy, 1912-20; Instructor in English, Brigham Young University, 1921-23; Assistant Professor, 1923-29; Associate Professor of English, 1930-31; Professor of Journalism, 1931—.

FRANKLIN MADSEN.......................................Professor of Music

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; from the Chicago Musical College: Graduate Diploma, 1925; Teachers' Certificate in Vocal Art and Singing, 1927; B. M., 1926; M. M., 1927; B. M. E., 1928; Mus. Doc., 1929; M. M. E. (Master of Music Education), 1932; Honorary Doctor of Music Education from Bogulawski College of Music, 1933; Instructor Chicago Musical College, Summers of 1927-32, and the winter of 1927-28; Instructor in Music, Brigham Young University, 1920-24; Assistant Professor of Music, 1924-30; Associate Professor of Music, 1930-31; Professor of Music, 1931—.

ASAEL C. LAMBERT..................................Professor of Educational Administration

B. S., Brigham Young University, 1925; M. S., 1926; Graduate work, Stanford University; Superintendent of Public Instruction, Fremont County, Idaho, 1923-24; Instructor, Brigham Young University, 1924-27; Principal, University High School, 1926-28; Assistant Professor of Secondary Teaching, 1927-32; Associate Professor, 1932-34; Professor of Educational Administration, 1934—.

LAVAL S. MORRIS............Professor of Landscape Architecture

B. S., Utah Agricultural College, 1923; M. S., Michigan State College, 1926; Graduate work, University of Southern California, Cornell University, Harvard 1930-33; Instructor in Horticulture, Brigham Young University, 1923-26; Assistant Professor, 1926-31; Associate Professor, 1931-34; Professor of Landscape Architecture, 1934—.

EFFIE WARNICK*......................**Professor of Home Economics**
B. S., Utah Agricultural College, 1914; Graduate work, Columbia University, University of California, University of Chicago; Instructor, Branch Agricultural College, 1914-15; Instructor in Foods and Nutrition, Brigham Young University, 1922-23; in Household Administration, 1923-27; Assistant Professor, 1927-30; Associate Professor, 1930-35; Professor, 1935—.

A. REX JOHNSON..................................**Professor of Marketing**
B. S., Brigham Young University, 1924; Ph. D., George Washington University, 1935; Senior Economist, U. S. Civil Service Commission, 1930-34; Instructor in Office Practice, Brigham Young University, 1924-31; Assistant Professor of Economics 1933-34; Associate Professor of Marketing, 1934-35; Professor of Marketing, 1935—.

J. MARINUS JENSEN........ ....**Professor of English**
A. B., Brigham Young University, 1912; M. A., University of Chicago, 1919; Graduate work, University of California, Stanford University, Columbia University; Instructor in English, Brigham Young University, 1910-19; Assistant Professor of English, 1919-21; Associate Professor, 1921-1936; Professor of English, 1936—.

GEORGE STEWART....................**Special Professor of Agronomy**
B. S., U. S. A. C., 1913; M. S., Cornell University, 1918; Ph. D., University of Minnesota, 1926; Professor of Agronomy, U. S. A. C., 1919-1930; Senior Ecologist, Branch Research U. S. Forest Service, 1930—; Special Professor of Agronomy, Brigham Young University, 1932—.

LLOYD L. CULLIMORE..**Medical Director**
B. S., University of Utah, 1922; M. D., George Washington Medical College, 1925; Instructor in Physiology, George Washington Medical College, 1925-26; Instructor in Health Education, Brigham Young University, 1927; Assistant Medical Director, 1928-29; Medical Director, 1929—.

ALBERT B. REAGAN............**Special Professor of Archaeology**
A. B., University of Indiana, 1903; A. M., 1904, Ph. D., 1925, Stanford University. Specialist in American Anthropology and Archaelogy. Special Professor of Archaeology, Brigham Young University, 1935—.

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*On leave of absence.

HERMESE PETERSON........................**Professor of Elementary Education**

B. S., Brigham Young University, 1928; Graduate work, Brigham Young College, Utah Agricultural College, Columbia University, University of Utah, University of California, University of Chicago; Primary Supervisor of Alpine School District, 1908-12; Study in Europe, 1928; Critic Teacher, Brigham Young University Training School, 1912-20: Primary Supervisor, 1920-23; Assistant Professor of Elementary Teaching, 1923-35; Associate Professor, 1935-36; Professor of Elementary Education, 1936—.

WILLIAM H. BOYLE..........**Professor of Elementary Education**

A. B., Brigham Young University, 1913; M. A. 1923; Graduate work, University of California, University of Southern California; Principal, Brigham Young University High School, 1910-26; Assistant Professor of Elementary Education, 1923-35; Associate Professor, 1935-36; Professor of Elementary Education, 1936—.

L. WESTON OAKS..............................**Associate Medical Director**

M. D., Jefferson Medical College, 1919; Graduate work, Colorado Congress Otolaryngology, Denver, Summers of 1923, 1924, and 1925; Assistant Medical Director, Brigham Young University, 1924-1925; Medical Director, 1925-29; Associate Medical Director, 1929—.

ROBERT SAUER..................................**Associate Professor of Music**

Graduate of Music School of Dresden, Germany; Student Siegel Meyer Music Conservatory of Chicago, 1905; Instructor of Music, Brigham Young University, 1905-20; Assistant Professor of Music, 1920-24; Associate Professor of Music, 1924—.

JOSEPH SUDWEEKS..................................**Associate Professor of Educational Administration**

B. S., University of Idaho, 1912; M. A., University of Chicago, 1920; Ph. D., University of Wisconsin, 1925; Instructor and Supervisor of Training, U. S. Veterans' Bureau, University of Idaho, 1920-23; Assistant in Department of Education, University of Idaho, 1920-21; Assistant Professor of Educational Administration, Brigham Young University, 1925-27; Associate Professor, 1927—.

CLARENCE S. BOYLE............**Associate Professor of Accounting and Business Administration**

B. S., Brigham Young University, 1924; M. S. in Retailing, New York University, 1926; Graduate work, New York University, 1926-27; Associate Professor of Accounting and Business Administration, Brigham Young University, 1927—.

WAYNE B. HALES ....**Associate Professor of Physics and Mathematics**

A. B., Brigham Young University, 1916; M. A., University of Utah, 1922; Ph. D., California Institute of Technology, 1926; Head of Physics and Mathematics Department, Ricks College, 1916-21; President Snow College, 1921-1924; Head of Physics Department, Weber College, 1926-30; Associate Professor of Physics, Brigham Young University, 1930—.

SIDNEY B. SPERRY....................................**Associate Professor of Religious Education**

A. B., University of Utah, 1917; M. A., University of Chicago, 1926; Ph. D., University of Chicago, 1931; Graduate work, American School of Oriental Research, Jerusalem, Palestine; Principal American Fork Seminary, 1922-24; Weber Seminary, 1924-25; Moroni Seminary, 1925-26; Pocatello Seminary and Institute, 1927-28; Director L. D. S. Institute, Moscow, Idaho, 1929-31; Associate Professor, Brigham Young University, 1932—.

ED. M. ROWE................................**Associate Professor of English**

A. B., Brigham Young University, 1923; Graduate work, Utah Agricultural College, Brigham Young University, University of Chicago, University of Wales, 1931-33; Principal, Spanish Fork High School, 1910-12; Instructor in English, Brigham Young University, 1924-27; Assistant Professor, 1927-35; Associate Professor, 1935—.

WILMA JEPPSON....................**Associate Professor of Physical Education for Women**

B. S., Brigham Young University, 1927; M. S., Columbia University, 1930; Graduate work, University of California, University of Wisconsin, Columbia University, New York University; Study Tour of Europe, 1932-33; Instructor in Physical Education for Women, Brigham Young University, 1923-30; Assistant Professor, 1930-35; Associate Professor, 1935—.

ALONZO J. MORLEY..................**Associate Professor of Speech**

A. B. Brigham Young University, 1925; M. A., Brigham Young University, 1931; Ph.D., University of Iowa, 1935; Teacher of Public Speaking and Dramatic Art, Uintah County High School, 1925-26; Head of Speech Department, Weber County High School, 1926-27; Instructor in Speech, Brigham Young University, 1928-30; Assistant Professor, 1930-35; Associate Professor, 1935—.

WILLIAM H. SNELL......**Associate Professor of Mechanic Arts**

A. B., Brigham Young University, 1918; Graduate work, Bradley Polytechnic Institute, Brigham Young University; Instructor in English, Brigham Young University, 1915-17; Instructor in Woodwork, 1916-21; Assistant Professor of Mechanic Arts, 1921-36; Associate Professor of Mechanic Arts, 1936—.

JOSEPH K. NICHOLES..........**Associate Professor of Chemistry**

A. B., Brigham Young University, 1916; M. A., Stanford University, 1924; President Dixie College, 1919-23, and 1926-33; Assistant Professor of Chemistry, Brigham Young University, 1933-36; Associate Professor of Chemistry, 1936—.

IDA SMOOT DUSENBERRY..................**Assistant Professor of Psychology**

B. Pd., Brigham Young University, 1905; Graduate Chaurecey Hall College, Boston, 1908; Graduate Emerson College of Oratory, Boston, 1909; Graduate work, Pestalozzi Froebel House, Berlin Germany; Columbia University, University of Washington, University of California; Study in Europe, 1919-20; Director of Kindergarten Training, Brigham Young University, 1910-21; Assistant Professor, Floating University, 1930-31; Assistant Professor of Psychology, Brigham Young University, 1921—.

EMMA BROWN*..**Assistant Professor of Elementary Education**

B. S., Columbia University, 1924; M. A., Columbia University, 1934; Graduate work, University of Chicago; Study in Europe, 1928; Critic Teacher, University of Utah, 1908-10; Primary Supervisor, Box Elder County, 1913-15; Nebo School District, 1917-22; Primary Supervisor, Brigham Young University Training School, 1923-25; Assistant Professor of Elementary Education, 1925—.

*On leave of absence.

CHARLES J. HART.......................**Assistant Professor in Physical Education and Athletics**

B. S., Utah Agricultural College, 1922; M. A., New York University, 1932; Graduate work, Utah Agricultural College, University of Wisconsin; Instructor Teton High School, 1923-25; Instructor in Physical Education and Athletics, Brigham Young University, 1925-27; Assistant Professor, 1927—.

EDGAR M. JENSON............**Assistant Professor of Educational Adminstration, Director of Training Schools**

A. B., Brigham Young University, 1916; M. A., Brigham Young University, 1919; Graduate work, Stanford University; Head of Department of Education, Dixie College, 1919-1923; President, Dixie College, 1923-26; Instructor, Brigham Young University, 1927-28; Assistant Professor in Educational Administration and Principal University High School, 1928-35; Director of Training Schools, 1930—.

WILLIAM F. HANSON....................**Assistant Professor of Music**

Music Diploma, Brigham Young University, 1907; Teacher's Certificate, Chicago Musical College, 1924; Private work with Xaver Schaswenka, Maurice Aronson, Felix Borowski, Dr. Carl Busch, and H. B. Maxyott, 1924; Supervisor High School Music, Vernal, 13 years; Supervisor Public School Music, Brigham Young University, 1924-25; Instructor in Music, 1926-31; Assistant Professor, 1931—.

H. GRANT IVINS.......**Assistant Professor of Animal Husbandry**

B. S., Utah State Agricultural College, 1917; Instructor in Animal Husbandry, Brigham Young University, 1929-31; Assistant Professor, 1931—.

KARL E. YOUNG...........................**Assistant Professor of English**

B. S., Utah State Agricultural College, 1924; B. A. and M. A., Oxford University, 1934; Graduate work at Harvard University; Instructor in English, Brigham Young University, 1930-31; Assistant Professor of English, 1932—.

RUSSEL SWENSEN...................................**Assistant Professor of Religious Education**

A. B. Brigham Young University, 1926; M. A. University of Chicago, 1931; Ph. D., University of Chicago, 1934; Principal L. D. S. Seminary, Mesa, Arizona, 1926-27; Principal L. D. S. Seminary at Kamas, Utah, 1927-28; Principal L. D. S. Seminary at Hurricane, 1928-30; Assistant Professor of Religious Education, Brigham Young University, 1933—.

SETH T. SHAW*................**Assistant Professor of Horticulture**
B. S., Utah State Agricultural College, 1931; M. A., Utah State Agricultural College, 1932; Instructor in Horticulture, Brigham Young University, 1931-34; Assistant Professor, 1934—.

BERTRAND F. HARRISON*......**Assistant Professor of Botany**
B. S., Brigham Young University, 1930; M. S., Brigham Young University, 1931; Graduate work, University of Chicago; Assistant in Botany, Brigham Young University, 1930-31; Instructor in Botany, 1931-35; Assistant Professor, 1935—.

LOREN C. BRYNER............**Assistant Professor of Chemistry**
B. S., Brigham Young University, 1928; M. S., Brigham Young University, 1930; Ph. D., Iowa State College, 1934; Assistant in Chemistry at Brigham Young University, 1928-30; Graduate Assistant in Chemistry at Iowa State College, 1930-35; Research Fellow at Iowa State College, summers of 1931 and 1932; Assistant Professor of Chemistry, Brigham Young University, 1935—.

ELSIE C. CARROLL..................**Assistant Professor of English**
B. S., Brigham Young University, 1926; M. S., Brigham Young University, 1928; Student, Cornell University, University of Chicago, Stanford University; Head of English Department, Kanah High School, 1917-18; Provo High School, 1919-20; Instructor in English, Brigham Young University, 1926-36; Assistant Professor of English, 1936—.

HUGH W. PETERSON..........**Assistant Professor of Chemistry**
A. B., 1916; M. A., 1928, Brigham Young University; Graduate work, University of Utah, Utah State Agricultural College, State University of Iowa; Teacher in High Schools of Wyoming and Utah, 1917-27; Instructor in Chemistry, Brigham Young University, 1927-36; Assistant Professor of Chemistry, 1936—.

BILLIE HOLLINGSHEAD......**Assistant Professor of Education**
A. B., Texas State College for Women, 1922; M. A., Brigham Young University 1929, Ph. D. University of Southern California, 1935. Instructor Valdez High School, Valdez, Alaska, 1922-23; Instructor in Star Valley High School, 1924-26; Instructor in Kohala

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*On leave of absence.

High School, Kohala, Hawaii, 1927-28; Instructor in Brigham Young University High School, 1929-36; Assistant Professor of Education, 1936—.

MARGARET SWENSEN............................**Assistant Professor of Home Economics**

B. S., Brigham Young University, 1926; Graduate Work, Columbia University, 1935-36; Instructor in Richfield High School, 1926-29; Instructor in Brigham Young University, 1929-36; Assistant Professor of Home Economics, 1936—.

IRENE S. BARLOW..................................**Assistant Professor of Home Economics**

B. S., Utah State Agricultural College, 1919; M. S. University of Chicago, 1934; Instructor in Home Economics, Brigham Young University, 1934-36; Assistant Professor of Home Economics, 1936—.

REUBEN D. LAW.......................................**Assistant Professor of Elementary Education**

B. S., Utah State Agricultural College, 1928; M. S., Utah State Agricultural College, 1933; Graduate work, University of Southern California; Superintendent of Schools, Rich County School District, 1929-35. Instructor in Education, Utah State Agricultural College, Summer Session, 1933; Superintendent of Schools, Duchesne County School District, 1935-36; Assistant Professor of Elementary Education, Brigham Young University, 1936—.

JOHN E. HAYES..**Registrar**

B. S., Brigham Young University, 1924; Instructor, Brigham Young University, 1903—; Registrar, 1904—.

ANNA OLLORTON...**Librarian**

A. B., Brigham Young University, 1913; Graduate work, University of Chicago, University of Utah, Chautauqua Summer School, Columbia University; Assistant Librarian, Brigham Young University, 1919-23; Acting Librarian, 1923-31; Librarian, 1931—.

ANNIE L. GILLESPIE.......................................**Library Cataloguer**

Principal West School, Provo, 1883-84; Assistant Librarian, Brigham Young University, 1906-11; Librarian, 1912-23; Cataloguer, 1923—.

KIEFER B. SAULS..............................**Secretary to the President**
Purchasing Agent

B. S., Utah State Agricultural College, 1920; Graduate work, Utah State Agricultural College; Secretary to Director, Utah Agricultural Experiment Station, 1917-21; Secretary to President and Purchasing Agent, Brigham Young University, 1921—.

NETTIE NEFF SMART..**Dean of Women**

B. S., Brigham Young University, 1933; Student, Cornell University, 1907-09; Instructor Brigham Young University Training School, 1904-05; Instructor, Provo High School; Dean of Women, 1925—.

PERCIVAL P. BIGELOW. ... .**Instructor in Auto Mechanics**

Student University of Michigan, Brigham Young University; Head Mechanic, Utah Packard Motor Company, 1916; Foreman, Superior Motor Co., 1917-18; Mechanic, Hudson Motor Car Company Detroit, 1919; Instructor in Auto Mechanics, Brigham Young University, 1919—.

BERTHA ROBERTS...... ....**Instructor in French**

A. B., Brigham Young University, 1926; Graduate work, University of Chicago, 1929; University of Paris, 1933-34; Instructor, Wasatch High School, 1918-19; Instructor in Office Practice, Brigham Young University, 1919-33; Instructor in French, 1934—.

NEWBURN I. BUTT...................**Library and Research Assistant**

B. S., Utah Agricultural College, 1915; Graduate work, Utah State Agricultural College; Assistant Agronomist, Utah Agricultural College, 1915-18; Library and Research Assistant, Brigham Young University. 1922—

STELLA P. RICH.... ... . **Instructor in English**

B. S., Brigham Young University, 1926; Instructor in the Public Schools of Utah and Idaho, 1911-1927; Student, University of Chicago; Instructor in English, Brigham Young University, 1927—.

ELLA LARSEN BROWN..................................**Assistant Librarian**

Student Cook County Normal School; Columbia University; Primary Supervisor, Utah County Schools, 1900-1902; Director, Brigham Young University Training School, 1902-1908; Assistant Librarian, Brigham Young University, 1923—.

FRED W. DIXON..**Instructor in Physical Education and Athletics**

B. S., Brigham Young University, 1926; Instructor in Physical Education and Athletic Director at Weber County High School, 1926-28; Graduate work, Utah Agricultural College; Instructor in Physical Education and Athletics, Brigham Young University, 1928—.

C. LAVOIR JENSEN.............................**Instructor in Mathematics**

Student Brigham Young College and University of Utah; Instructor, Logan High School, 1915-16; Principal, Midvale Schools, 1917-21; Instructor, Brigham Young University High School, 1921—.

GRACE NIXON STEWART*..............................**Instructor in Speech**

B. S., Brigham Young University, 1921; Student, Leland Powers School of Spoken Word, Rice School of Speech, Oxford University, England, London University, London Royal Academy; Special Instructor in Speech, Brigham Young University, 1928-34; Instructor in Speech, 1934—.

GLADYS D. BLACK*..**Instructor in English**

Ph. B., University of Chicago, 1924; M. A., Columbia University, 1930; Instructor in English, Provo High School, 1924-26; Instructor in English, Central High School, Springfield, Illinois, 1927-28; Instructor in English, Brigham Young University, 1928—.

CARMA BALLIF....**Instructor in Physical Education for Women Assistant in Secretary's Office**

B. S., Brigham Young University, 1927; Graduate work, University of Wisconsin; Assistant in Secretary's Office, 1927—; Instructor in Physical Education for Women, 1934—.

MARGARET SUMMERHAYS........................**Instructor in Music**

Graduate of New England Conservatory of Music, 1916; Student of Frederick H. Haywood, Mme. Sophie Cehanovske, Edmund G. Meyer; Special Instructor in Music at Brigham Young University, 1927-29; Instructor in Music, 1930—.

W. ELMO COFFMAN....................................**Instructor in Science**

B. S., Utah State Agricultural College, 1920; M. S., Brigham Young University, 1932; Graduate work, Brigham Young University, University of Utah; Instructor in Payson High School, 1920-21; Instructor in Springville High School, 1921-28; Principal, Minersville High School, 1928-29; Instructor in Science, Brigham Young University, 1929—.

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*On leave of absence.

EDNA SNOW..........Instructor in Science

B. S., Brigham Young University, 1924; M. S., Brigham Young University, 1931; Graduate work, University of California; Instructor in Science, Brigham Young University, 1929—.

OA LLOYD..........Instructor in Office Practice

Assistant in Office Practice, Brigham Young University, 1928-30; Instructor, 1931—.

C. LYNN HAYWARD..........Instructor in Zoology

B. S., Brigham Young University, 1927; M. S., Brigham Young University, 1931; Instructor in Fielding High School, 1927-30; Assistant in Zoology, Brigham Young University, 1930-31; Instructor, 1931—.

J. KNIGHT ALLEN*..........Instructor in Accounting and Busines Administration

B. S., Brigham Young University, 1926; M. B. A., Stanford University, 1930; Special Instructor in Brigham Young University, 1930-31; Instructor in Accounting and Business Administration, 1931—.

GUSTAVE BUGGERT..........Instructor in Music

Graduate of Music School of Madgeburg, Germany; Instructor in Music, Brigham Young University, 1930—.

MAY BILLINGS..........Instructor in Home Economics

B. S., Brigham Young University, 1933; Student of Columbia University, Utah State Agricultural College, University of California, Colorado Agricultural College, University of Utah; Instructor in Clothing, Latter-day Saints University, 1920-31; Instructor in Home Economics, Brigham Young University, 1932—.

ALINE COLEMAN SMITH........Instructor in Physical Education for Women

B. S., Brigham Young University, 1933; Graduate work, University of Wisconsin; Assistant in Physical Education for Women, Brigham Young University, 1929-32; Instructor, 1932—.

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*On leave of absence.

CARLTON CULMSEE..................**Instructor in Journalism and Secretary Extension Division**

B. S., Brigham Young University, 1932; Graduate work, University of Southern California; Secretary, Extension Division, 1932; Instructor in Journalism, Brigham Young University, 1933—.

BEULAH STRICKLER SWENSON.............**Instructor in Office Practice**

B. S., Brigham Young University, 1932; Instructor in Office Practice, Brigham Young University, 1933—.

ALVA J. JOHANSON*.........................**Instructor in Chemistry**

A. B., Brigham Young University, 1931; M. A., Brigham Young University, 1934; Assistant in Chemistry Brigham Young University, 1931-1934; Instructor in Chemistry, 1934—.

GOLDEN L. WOOLF............**Instructor in Secondary Education Principal University High School**

A. B., Brigham Young University, 1934; M. A. Brigham Young University, 1936; Instructor in Languages, Brigham Young University, 1934-35; Instructor in Secondary Education, 1935—; Principal, University High School, 1935—.

WILFORD D. LEE...................................**Instructor in English**

A. B., Brigham Young University, 1934; Instructor in English, Brigham Young University, 1934—.

O. MEREDITH WILSON*..........................**Instructor in History**

A. B., Brigham Young University, 1934; Assistant in History, Brigham Young University, 1934-35; Instructor in History, 1935—.

EDWIN R. KIMBALL...............................**Instructor in Physical Education and Athletics**

B. S., Brigham Young University, 1926; M. S., University of Southern California, 1935; Instructor in Physical Education and Athletics, Millard County High School, 1926-27; Instructor in Mathematics and Athletic Director in Grand County High School, 1927-30; Instructor in Physical Education and Athletics, Jordan High School, 1931-35; Instructor in Physical Education and Athletics, Brigham Young University, 1935—.

JOHN H. SMITH....................................**Instructor in Economics**

B. S., University of Pennsylvania, 1929; Assistant to General Manager in charge of Production Control, Schlage Lock Company, San Francisco, California, 1929-33; Sales and Merchandising, Liver Brothers Company, Salt Lake City, 1933-35; Instructor in Economics, Brigham Young University, 1935—.

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*On leave of absence.

HAROLD T. CHRISTENSEN..................**Instructor in Sociology**
B. S., Brigham Young University, 1935; Assistant in Sociology, Brigham Young University, 1935-36; Instructor Brigham Young University, 1936—.

VIRGINIA BOOTH......................**Instructor in Home Economics**
B. S., Brigham Young University, 1931; Instructor in Millard County High School, 1931-34; Instructor in Juab High School, 1934-35; Instructor in Home Economics, Brigham Young University, 1935—.

J. VERNAL STIMPSON...........................**Instructor in English**
A. B., Brigham Young University, 1928; Graduate work, Brigham Young University, summers of 1929, '31, '33; Graduate work, Stanford University, 1934-35; Instructor in English, Juab High School, 1928-34; Instructor in English, Provo High School, 1935-36; Instructor in English, Brigham Young University, 1936—.

IRENE OSMOND....................**Instructor in Modern Languages**
A. B., Brigham Young University, 1929; M. A. Stanford University, 1934; Graduate work, Stanford University, 1934-36; Instructor in Modern Languages, Jordan High School, 1929-33; Instructor in Modern Languages, Brigham Young University, 1936—.

ANGELYN WARNICK................**Instructor in Home Economics**
B. S., Brigham Young University, 1930; Graduate work, University of Washington, Utah State Agricultural College; Instructor in Home Economics, Payson Junior High School, 1930-34; in Springville High School, 1934-36; Instructor in Home Economics, Brigham Young University, 1936—.

JOSEPH J. KEELER...................................**University Organist**
Instructor in Piano and Organ, 1935—.

FERN CHRISTENSEN....................**Assistant in Office Practice**
Assistant in Office Practice, Brigham Young University, 1935—.

EDMUND A. RICHARDSON........................**Assistant in Spanish**
A. B., University of Arizona, 1928; Head of Spanish Department, Patagonia Union High School, Arizona, 1929-35; Graduate work, University of Arizona and

Brigham Young University; Assistant in Spanish, Brigham Young University, 1935—.

D. DREW JORGENSEN.................................**Assistant in Zoology**
B. S., Brigham Young University, 1927; M. S., Brigham Young University, 1928; Junior Entomologist, United States Bureau of Entomology, 1929-32; Graduate work, Stanford University, summer 1935; Assistant in Zoology, Brigham Young University, 1935—.

BERT L. FULLMER..............................**Assistant in Horticulture**
B. S., Brigham Young University, 1936; Assistant in Horticulture, Brigham Young University, 1936—.

TRAINING SCHOOL FACULTY

MAY C. HAMMOND, B. S., Instructor in Elementary Training School.

GLADYS KOTTER, B. S., Instructor in Elementary Training School.

GEORGIA MAESER, B. S., Instructor in Elementary Training School.

FLORA D. FISHER, Instructor in Elementary Training School.

LOLA C. JENSEN, Instructor in Elementary Training School.

L. ELLIOTT TUTTLE, Instructor in Elementary Training School.

SPECIAL INSTRUCTORS

ELMER NELSON, Instructor in Piano.
HANNAH C. PACKARD, Special Instructor in Vocal Music.
GEORGE W. FITZROY, Special Instructor in Piano.
JOSEPH J. KEELER, Instructor in Organ and Piano.
DONALD P. OLSEN, Instructor in Violin.

BRIGHAM T. HIGGS, Superintendent Buildings and Campus.
KARL MILLER, Assistant Superintendent Buildings and Campus.

MORRIS SNELL, B. S. Mechanic, in charge of Repairs.

STANDING COMMITTEES

The President is ex-officio a member of all committees.

Admission and Credits—John E. Hayes, Lorin C. Bryner.

Aiding Graduates to Obtain Employment—A. N. Merrill, K. B. Sauls, the Deans.

Alumni Directory—A. Rex Johnson.

Athletics—P. A. Christensen, G. O. Romney, J. W. Knight, H. R. Merrill, K. B. Sauls, H. Grant Ivins, President of Student Body, President of Alumni Association, C. L. Jensen, Manager of Athletics.

Attendance and Scholarship—W. H. Boyle, T. L. Martin, Joseph K. Nicholes, May Billings.

Awards and Prizes—T. E. Pardoe, J. R. Halliday, C. J. Hart.

Campus—L. S. Morris, Seth Shaw, E. H. Eastmond, B. F. Harrison.

Care of Girls' and Women's Activities—Dean of Women, Margaret H. Eastmond, Effie Warnick, Hermese Peterson.

Catalogue and Other Quarterlies—E. H. Holt, J. E. Hayes, K. B. Sauls, N. I. Butt.

Debating—A. C. Lambert, C. Jensen, Elmer Miller, A. J. Morley, Harold T. Christensen.

Eligibility—Milton Marshall, H. Grant Ivins, J. E. Hayes.

Graduation—B. F. Cummings, Joseph Sudweeks, R. D. Law.

Lectures and Musicals—J. C. Swenson, Herald R. Clark,

Library—Alice L. Reynolds, M. W. Poulson, W. J. Snow, S. B. Sperry, Vernal Stimpson, Librarian.

Personnel—C. S. Boyle, Thos. L. Martin, Wm. J. Snow, A. C. Lambert, R. Swenson.

Petitions—H. M. Woodward, C. E. Maw, V. M. Tanner.

Publicity—H. R. Merrill, E. H. Holt, K. B. Sauls, G. O. Romney, J. M. Jensen, Carlton Culmsee, A. Rex Johnson.

Schedule of Events—K. B. Sauls, G. de Jong.

Schedule of Classes—E. H. Holt, N. I. Butt.

Social Affairs—Elmer Miller, G. H. Hansen, Dean of Women, Wilma Jeppson, Karl E. Young,

Social Units—G. H. Hansen, G. de Jong, A. Rex Johnson, Registrar, Dean of Women, Wilma Jeppson, and Student Representatives.

Student Accommodations—W. B. Hales, W. H. Snell, P. P. Bigelow, Dean of Women, Thomas Broadbent.

Student Aid and Employment—A. Rex Johnson, Dean of Women, Kiefer B. Sauls, Russell Swenson.

Student Publications—C. Culmsee, E. H. Eastmond, B. F. Larsen, Irene Osmond.

Directory of L. D. S. Institute and Seminary Faculties

1936-37

COLLEGIATE INSTITUTES

Institute	Director	Home Address
Ephraim (Snow. Col.)	Newel K. Young	Ephraim, Utah
L.D.S. Bus. College	Vernon L. Larson	Salt Lake City, Utah
Laramie (Univ. of Wyo.)	Daryl Chase	Laramie, Wyoming
Logan (U.S.A.C.)	Thomas C. Romney	Logan, Utah
	Milton R. Hunter (Asst.)	Logan, Utah
Los Angeles (Univ. of So. Cal.)		Los Angeles, Calif.
Moscow (Univ. of Idaho)	George S. Tanner	Moscow, Idaho
Pocatello (Univ. of Ida., S. B.)		Pocatello, Idaho
St. George (Dixie College)	Roy A. West	St. George, Utah
Salt Lake City (Univ. of Utah)	Lowell L. Bennion	20 12th East Salt Lake City, Utah
Tucson (Univ. of Arizona)		Tucson, Arizona

SENIOR SEMINARIES

Seminary	Teacher	Address
American Fork	E. Ray Gardner	American Fork, Ut.
Ammon	Lucius Clark	Idaho Falls, Idaho
Bancroft	Reed G. Probst	Bancroft, Idaho
Barnes, John R.	George C. Ensign	Kaysville, Utah
	Effie M. Chadwick	Farmington, Utah
	Eugene D. Bryson	Kaysville, Utah
Bear River	Arthur Welling	Garland, Utah
	Alma W. King	Garland, Utah
Beaver	Wendell M. Rigby	Beaver, Utah
Blackfoot	G. Byron Done	Blackfoot, Idaho
Blanding	Joseph B. Harris	Blanding, Utah

Seminary	Teacher	Address
Box Elder	John P. Lillywhite	Brigham City, Utah
	Harold S. Nelson	Brigham City, Utah
	William C. Carr	Brigham City, Utah
Boise	Byron E. Grant	Boise, Idaho
Burley	R. Golden May	Burley, Idaho
Castledale	Nephi L. Williams	Castledale, Utah
Cedar City	Gustive O. Larson	Cedar City, Utah
Delta	M. Ward Moody	Delta, Utah
	Joseph Smith Fish	Delta, Utah
Downey	Harold W. Lawrence	Downey, Idaho
Duchesne	Golden Berrett	Duchesne, Utah
Ephraim	Silas Cheney	Ephraim, Utah
Escalante	Otto Done	Escalante, Utah
Franklin County	James DeBry	Preston, Idaho
	Ernest Eberhard, Jr.	Preston, Idaho
Grace	Howard Evans	Grace, Idaho
Grantsville	Nicholas Van Alfen	Grantsville, Utah
Gunnison	J. Clayton Watts	Gunnison, Utah
Hinckley	Rulon T. Hinckley	Hinckley, Utah
Jordan	Carter E. Grant	Sandy, Utah
	D. Stanley Adams	Sandy, Utah
	Melison B. Glover	Sandy, Utah
	Lee Olsen	Sandy, Utah
Granite	Frank K. Seegmiller	2746 S. 9th East,
	James E. Moss	Salt Lake City, Utah
	Merrill D. Clayson	Salt Lake City, Utah
	William E. Berrett	Salt Lake City, Utah
Juab Stake	LeRoy Whitehead	Nephi, Utah
Kanab	Brandt D. Jorgensen	Kanab, Utah
Lehi	H. Alvan Fitzgeerald	Lehi, Utah
Logan	Edward J. Passey	Logan, Utah
	El 'Ray Christiensen	Logan, Utah
	Wilburn C. Talbot	Logan, Utah
Lovell-Cowley	James R. Clark	Lovell, Wyoming
Lyman	Willis J. Lyman	Lyman, Wyoming
Malad	Robert G. Gibbons	Malad, Idaho
Manassa-Sanford	Howard Bird	Manassa, Colorado
Manti	Leland E. Anderson	Manti, Utah
Mesa	Pearson H. Corbett	Mesa, Arizona
Midway	Howard Couch	Menan, Idaho
Millard Stake	LeRoy Groberg	Fillmore, Utah
Montpelier	S. H. Spencer	Montpelier, Idaho
Moreland	Jean C. Nielsen	Moreland, Idaho
Morgan	C. Calvin Geary	Morgan, Utah
Moroni	John L. Clarke	Moroni, Utah
Mount Emmons		Mt. Emmons, Utah
Mount Pleasant	A. H. Anderson	Mt. Pdeasant, Utah
Murray	Frank W. McGhie	Murray, Utah

Seminary	Teacher	Address
Nebo Stake	John F. Oleson	Payson, Utah
North Cache	Elijah M. Hicken	Richmond, Utah
	Samuel D. Moore, Jr.	Richmond, Utah
	David G. Thomas	Richmond. Utah
North Emery	John F. Jones	Huntington, Utah
North Sevier	S. Ross Hunt	Salina, Utah
Oakley	Boyd H. Ririe	Oakley, Idaho
Oquirrh Stake	A. C. Nielsen	3805 S. 52nd West, Salt Lake City, Utah
Panguitch	Kenneth F. Fechser	Panguitch, Utah
Paris	Ben F. Hulme	Paris. Idaho
Parowan	A. Noble Kimball	Parowan, Utah
Phoenix	May G. Kershaw	1029 E. Moreland, Phoenix, Arizona
Piute County	B. Alva Maxwell	Circleville, Utah
Pocatello	Almon L. D. Brown	823 N. Mn. Pocatello
Price	Asahel D. Woodruff	Price, Utah
Provo	Jesse A. Washburn	258 N. 4th West, Provo, Utah
	Robt. Lee Kenner	721 W. Center, Provo, Utah
Rexburg	H. Lester Peterson	Rexburg, Idaho
Richfield	M. W. Smith	Richfield, Utah
Rigby	Leonard N. Judkins	Rigby, Idaho
Ririe	Albert H. Atwood	Ririe, Idaho
Roosevelt		Roosevelt, Utah
Round Valley	Catherine R. Lund	Eagar, Arizona
Rupert Heyburn	Jesse L. Roberts	Rupert, Idaho
St. George	J. Ralph Wilkins	St. George, Utah
Salt Lake City (East)	James E. Moss	2059 E. 48th So., Salt Lake City, Utah
	M. Douglas Wood	1445 Roosevelt, Salt Lake City, Utah
	G. Homer Durham	1123 Lake St., Salt Lake City, Utah
Salt Lake City (South)	Merrill D. Clayson	1331 Murphy's Lane Salt Lake City, Utah
	Gordon B. Hinckley	840 E. 7th S., Salt Lake City, Utah
	Kenneth H. Sheffield	Salt Lake City, Utah
Salt Lake City (West)	William E. Berrett	Salt Lake City, Utah
	Vernon F. Larson	Salt Lake City, Utah
	James B. Harvey	Salt Lake City, Utah
Sharon Stake	Victor C. Anderson	776 W. Center, Provo, Utah
	Ernest Frandsen	Provo, Utah
Shelley	Elwood B. Allred	Shelley, Idaho

Seminary	Teacher	Address
Snowflake	William C. Smith	Snowflake, Arizona
South Cache	J. Karl Wood	Hyrum, Utah
	Stanley R. Gunn	Hyrum, Utah
South Emery	Alvin Harris	Ferron, Utah
South Rich	Mearl C. Peart	Randolph, Utah
South Sevier	Allen C. Reynolds	Monroe, Utah
South Summit	Stanley E. Best	Kamas, Utah
Spanish Foork	E. Cecil McGavin	Spanish Fork, Utah
	Laura Shepherd	Spanish Fork, Utah
Springville	William T. Tew, Jr.	Springville, Utah
	Joseph W. Olsen	Springville, Utah
St. Johns	Lorenzo B. Decker	St. Johns, Arizona
Star Valley	Ernest R. Clark	Afton, Wyoming
	Lynn Webb	Afton, Wyoming
Sugar City	Leon M. Strong	Sugar City, Idaho
Summit Stake	Lester M. Norberg	Coalville, Utah
Teton Stake	Russell Rich	Driggs, Idaho
Timpanogos Stake	Hyrum P. Jones	Pleas. Grove, Utah
Tooele	LeRoi Bentley	Tooele, Utah
Ucon	Grant M. Andrus	Ucon, Idaho
Vernal	H. Grant Vest	Vernal, Utah
		Vernal, Utah
Wasatch	David A. Broadbent	Heber, Utah
Dayne Stake	John D. Lillywhite	Bicknell, Utah
Weber	F. G. Eyre	1268 Porter, Ogden, Utah
	Elmer Peterson	1137 Grant, Ogden, Utah
	J. Wayne Moss	Ogden, Utah
Zion Park	Leo K. Homer	Hurricane, Utah

Teachers on Leave of Absence:

Wesley P. Lloyd....................5802 Maryland Ave., Chicago, Ill.
Anthon S. Cannon....................5748 Kimbark Ave., Chicago, Ill.
Ariel S. Balif........................Vernon L. Israelsen

Advisory Committee:

Joseph Fielding Smith..................................Salt Lake City, Utah
Charles A. Callis..Salt Lake City, Utah
Franklin S. Harris..Provo, Utah

Supervision:

Dr. Frank L. West, Commissioner of Education........................
....Salt Lake City, Utah
Dr. M. Lynn Bennion, Seminary Supervisor..................................
....Salt Lake City, Utah

Historical

The Brigham Young University, formerly designated the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875.

It is in charge of twelve trustees, elected triennially, by the vote of the Latter-day Saints, acting through the First Presidency of the Church of Jesus Christ of Latter-day Saints.

For many years it was dependent upon fees and the proceeds of the original endowment for its maintenance, but in recent years an annual church appropriation has been the chief source of its financial support.

Buildings. The first home of the institution was a mercantile building, standing on the present location of the Farmers and Merchants Bank.

Subsequently, this building, with several additions, was destroyed by fire. The school, however, resumed its sessions with the loss of but one day. The basement of the Stake Tabernacle, a store, and the First National Bank building, housed the school for a short time.

From these temporary quarters it moved into the upper story of the Z. C. M. I. warehouse, at the corner of Sixth South street and University avenue. This was the home of the school for seven years.

In 1891 the school moved to what is now known as the Education building, a structure costing $75,000, made possible chiefly through the personal credit of President Abraham O. Smoot and his associates on the Board of Trustees.

The College building, a gift of ten persons whose names are upon a marble tablet in a hall of the building, was erected in 1898. The responsibility for raising the funds for this building was undertaken voluntarily by Reed Smoot, a member of the Board of Trustees.

The Training School Building was built in 1902, the cost of which was met by the contributions of friends of the school, chief among whom was "Uncle" Jesse Knight.

The Art building was erected in 1904, a gift of the nearby stakes comprising what was known at that time as the B. Y. U. academic district.

The Alumni Association, in honor of Dr. Karl G. Maeser, presented the institution with the Maeser Memorial building in 1911. The cost of this building was $112,000.00. "Uncle" Jesse Knight contributed liberally to the Alumni Association in this project. The heating plant and furnishings were provided by the Church. This building was the first to be erected on University Hill.

The Women's Gymnasium, which is also a recreation building, was erected in 1913.

The Mechanic Arts building, a one-story structure, on University Hill, was erected in 1919.

The Heber J. Grant Library building, also on University Hill, was erected in 1925.

The last three named buildings were built by Church appropriations.

In 1935, two stories were added to the Mechanic Arts building to provide additional classrooms and laboratories. The name was changed to George H. Brimhall building.

During the year 1935-36 a Stadium House, on the west side of the football field was erected.

Campus. The first campus of the school was limited to a small playground back of the building which was destroyed by fire. The present Education building was erected in the center of a block 24 by 24 rods.

Then came the purchase of University Hill. As early as 1904, steps were taken to acquire land on this site. A purchase of seventeen acres was made from Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by an alumnus, and the point of the hill by the student body. The remaining area comprising the present campus of seventy-five acres, was purchased by the University, following a movement initiated by the Alumni Association.

Administration. The first faculty consisted of the principal and two assistants, Dr. Karl G. Maeser, Dr. Milton H. Hardy, and Kristina Smoot. Dr. Karl G. Maeser served as principal until 1891, when he was called to the general superintendency of Church schools. Dr. Benjamin Cluff, Jr., succeeded Dr. Maeser and served as the executive head of the school until December 22, 1903. Dr. George H. Brimhall succeeded Dr. Cluff and served the institution as president until April 26, 1921, when he was made president-emeritus. On the same date Dr. Franklin Stewart Harris was appointed president, taking office July 1, 1921.

Educational Growth. The first credential granted by the institution was a teacher's certificate given on the completion of one year's normal work. This was followed by a certificate requiring two years' normal work, followed later by the degree of Bachelor of Pedagogy, issued upon the completion of four years' normal work.

Later the Bachelor of Arts and Bachelor of Science degrees were authorized to be conferred upon the completion of the regular four years college courses.

Master degrees have been authorized since 1918.

On February 11, 1909, by an action of the General Church Board of Education the collegiate department of the University was designated The Church Teachers' College.

At the beginning of the school year 1920-21, the name Church Teachers' College was changed to School of Education, and the School of Arts and Sciences was established.

During 1921 a college of Commerce and Business Administration was organized and courses leading to a degree of Bachelor of Science outlined. The names, School of Education and School of Arts and Sciences, were changed to College of Education and College of Arts and Sciences. At the same time an Extension Division, a Research Division, and a Graduate Division were organized.

January 25, 1922, a college of Applied Science was established to include the departments of Agronomy, Animal Husbandry, Art, Auto Mechanics, Foods and Nutrition, Horticulture, Household Administration, Textiles and Clothing, and Woodwork

On April 21, 1935, a College of Fine Arts was established to include the departments of Art, Music and Speech.

During the year 1928-1929 the Y Stadium was completed, the name of the College of Commerce and Business Administration was changed to College of Commerce; and the Graduate Division was changed to Graduate School.

University Credits Recognized. The Brigham Young University is on the list of approved colleges of the Association of American Universities. It is also a member of the Northwest Association of Secondary and Higher Schools, the American Council on Education, and the Association of American Colleges.

ORGANIZATION

The Brigham Young University as now organized comprises:

1. **A College of Applied Science**
2. **A College of Arts and Sciences**
3. **A College of Commerce**
4. **A College of Education**
5. **A College of Fine Arts**
6. **A Graduate School**
7. **An Extension Division**
8. **A Research Division**

Elementary and Secondary Training Schools are maintained in connection with the College of Education.

DEPARTMENTS OF INSTRUCTION

Accounting and Business Administration
Agronomy
Animal Husbandry
Art
Bacteriology
Botany

Chemistry
Economics
Educational Administration
Elementary Education
English
Finance and Banking
Geology and Geography
History
Home Economics
Horticulture
Journalism
Landscape Architecture
Library
Marketing
Mathematics
Mechanic Arts
Modern and Classical Languages
Music
Office Practice
Physical Education
Physics
Political Science
Philosophy of Education
Psychology
Religious Education
Secondary Education
Sociology
Speech
Zoology and Entomology

UNIVERSITY FEES

College and Graduate Students:

Registration fee for full year if paid at beginning of Autumn quarter	$70.00
Registration fee for less than the full year, the quarter	25.00
Withdrawal deposit	1.00
Student activity fee, each quarter	5.00
(Or $12.50 for the year if paid in advance)	
A gymnasium service fee, each quarter	1.00

Secondary Training School:

Senior High School—10th, 11th, 12th grades, the year	$20.00
Activity fee	3.00
Gymnasium service fee, the year	.50
Junior high school—7th, 8th, 9th grades	10.00

Elementary Training School:

1st to 6th grades, the year	$10.00

Special Fees:

Late registration (after first week of each quarter)	$ 2.00
Special students (eight credit hours or less), for each hour	2.50
Special examinations, for each hour	2.50
(Provided the maximum fee in any one subject shall not exceed $20.00)	
Graduation:	
Degree	$10.00
Diploma	5.00

Special fees are charged for private instruction in Vocal and Instrumental Music, Speech, and some special courses in Art.

Breakage deposit is required in the department of Chemistry, and special laboratory fees in Bacteriology, Photography, Soil Fertility and Zoology. A special fee of $5.00 is charged those who elect Secondary or Elementary Training.

STUDENT EXPENSES

The cost of books varies from $5.00 to $10.00 a quarter, depending upon the number and the nature of the courses elected.

Board and room in private homes costs from $3.50 to $5.50 per week. By renting rooms and boarding themselves, students are able to reduce considerably the cost of room and board. In some cases it has been reduced to $10.00 a month.

If students desiring assistance will call on the Students' Accommodation Committee when they arrive in Provo, they will be directed to the kind of place they wish. When students desire to change boarding places, they are expected to call on and notify the chairman of this committee.

The University insists that boys and girls be housed separately. The boarding houses are inspected to see that accommodations are satisfactory. The University maintains a Cafeteria, where students may secure the noon meal at cost.

REFUNDS

No refunds will be granted to students who are requested to withdraw from the University because of scholarship or any other cause.

All students when paying fees are given official receipts from the Secretary's Office. These receipts must be presented before refunds are allowed. The students, therefore should exercise care that the receipts are not lost or mislaid.

All fees except $5.00 will be refunded to any student in residence who withdraws during the first week of the quarter. One-half of all fees paid will be refunded to any student in residence who withdraws during the second or third week of the quarter. No refunds will be allowed after the third week.

ENDOWMENTS

The Jesse Knight Endowment Fund. On December 21, 1914, the late Jesse Knight made an endowment to the University of one hundred thousand dollars in six percent bonds. The interest payments on these bonds, together with the payments on bonds which have matured, have been placed at interest, and the cash credit on this account now represents approximately twice the amount of the original endowment.

The Brigham Young University Permanent En-

dowment Fund. June 4, 1929, the B. Y. U. Associated Alumni initiated a **permanent endowment fund** for the University. Some very generous contributions and subscriptions were made at this alumni reunion. and the work of building such an endowment has been carried forward by the alumni and school officials with very gratifying results. Members of the graduating classes since that time have shown a remarkably loyal spirit by subscribing to this fund.

LOAN FUNDS

The Emmeline B. Wells Relief Society Loan Fund. In honor of Emmeline B. Wells, the General Board of the Relief Society has established a loan fund to assist young women to complete their school work. The lending of this fund is under the supervision of the Deans' Council.

Student Loan Fund. The Sophomore class of 1922 established a loan fund to assist students to complete their school work. This fund is augmented each year, the Sophomore class assuming the responsibility for making an annual addition. The lending of this fund is under the supervision of the Deans' Council.

Harmon Foundation Student Loan Fund. The Brigham Young University has been chosen by the Harmon Foundation as one of the limited number of colleges in the United States whose students may receive assistance in financing their education. Juniors and Seniors, up to a given number each year, may borrow money from this fund. The Harmon Foundation is a strong financial organization now rendering financial assistance to students in many of the colleges in the United States. A faculty committee represents the University in making these loans.

Gamma Phi Omicron Loan Fund. The Home Economics Club of the University (Gamma Phi Omicron) has established a loan fund to assist students of the Home Economics department. The lending of this fund is under the supervision of the Deans' Council.

Alpha Kappa Psi Loan Fund. The Alpha Kappa Psi has established a loan fund for senior students of the College of Commerce. The lending of this fund is under the supervision of the Deans' Council.

Federation of Women's Clubs Loan Fund. The First District Federation of Women's Clubs of Utah has established a loan fund to be lent to the senior girls of the University. The lending of this fund is under the supervision of the Dean's Council.

ASSOCIATED STUDENTS

General Organization. This organization is composed of all students who attend Brigham Young University and is presided over by officers elected by them. It seeks to develop interest on the part of every student in all those activities which contribute to a more democratic "Y" spirit, and to furnish opportunities for all students to participate in those activities which interest them most. Through this organization, student traditions are kept alive. All interclass and intercollegiate activities are encouraged and unified by this organization. Forensic, dramatic, and music activities are fostered by and are under its management and through it the students publish the school periodicals and also the University year book, the "Banyan." The organization also functions as an auxiliary of the school discipline.

Associated Women Students. This is an organization comprised of all girls registered in the institution. Its purposes is to aid and foster all girls' activities. This organization is also a member of the Western Division of the National Organization of Associated Women Students, which includes practically all of the universities and colleges in the United States.

The Presidents Club. This club is composed of the presidents of all clubs, units, classes or any other student organization upon the campus. Its purpose is to keep union and harmony in student activities by keeping the organizations united, and to maintain a student union, rather than cliquishness, and club consciousness. The President of the Associated Students presides over it and calls the club together whenever it is thought advisable by the Student Council.

Block "Y" Club. An organization of students who have won a Block "Y" in intercollegiate athletic or forensic competition. Its purpose is to foster the traditions of the school, keep alive the athletic and forensic spirit, encourage a true spirit of sportsmanship and to meet visiting teams of athletes or debators and help to encourage friendly relations with their institutions.

White Key. Women's honorary organization installed on the campus in 1933. Membership consists of girls outstanding in service, scholarship, and "pep." Its purpose is to foster university activities of merit and to render service to the associated students.

CLUBS AND SOCIETIES

To enlarge the educational and social opportunities of the university, units, clubs, and societies are organized. In these groups, the spirit of the institution is fostered, and democracy is especially encouraged.

SOCIAL-UNIT ORGANIZATION

The University recognizes proper social development as one of the important by-products of college training. For many years this social opportunity has been provided through the class and club organizations of the institution, but in recent years these organizations have become too large to provide students with the intimate social contacts, and opportunities for leadership which are thought desirable.

To provide suitable opportunity for the fulfillment of this purpose the Social Unit Organization was adopted.

The plan provides that every student in the University shall belong to a social unit. These units include from twenty to thirty members, grouped on the basis of sex, social interest and congeniality. The whole scheme is democratically controlled by the Social-Unit Committee, which consists of members from faculty, classes, and other organized groups in the University. The Inter-Social-Unit Council, made up of representatives from each Social Unit, has jurisdiction over the internal affairs of the units, such as fees, costs of entertainments, etc.

The Social Units are doing much to keep alive the social ideals of the University and to perpetuate the democratic social traditions characteristic of the Student Body.

DEPARTMENTAL ORGANIZATIONS

This group of organizations has the specific purpose of bringing together persons of similar scholastic interests and of rendering their work more pleasurable and profitable. Each group will foster the activities of the department to which it is allied. The eligibility rules thereof will be such that any member of the department may qualify for membership by meeting the scholastic requirements imposed by the organization. The fees will be reduced to a minimum. Each organization will have a faculty advisor. The following departmental clubs and societies have been organized:

The "Ag" Club. This organization is open to all students of Agriculture, the purpose being to meet and receive instruction from men who have succeeded practically and scientifically in the agricultural work of the state. Meetings are held every alternate Wednesday afternoon. Social functions in conjunction with the Home Economics department are featured during the year.

David Starr Jordan Biology Club. This club aims to develop interests in all forms of biological study and has, for its major project, the building of a library of natural science literature. Some 250 volumes have been collected by club members. The increasing animal and plant collections of the department and the new laboratory at Utah Lake, offer interesting material for new students. Outside of resident students, the membership consists of faculty members, alumni and prominent townspeople.

Delta Phi. An organization open to all male students who have done regular missionary work. Its purpose is to foster fellowship, missionary ideals, and sociability. Luncheons and programs are given during the school year at which prominent men of the Church and state are the principal speakers. This chapter is associated with like chapters at the Utah Agricultural College, Weber College, and the University of Utah.

Drama League. The purpose of this league is to foster the art of reading and dramatics, to appreciate paintings and music, and to give opportunity to its members to hear lectures and readings from the best talent of the state as well as those who are on the lecture platform and the stage. The society meets weekly. It is affiliated with the Drama League of America.

French, Spanish, German, and Latin Clubs. Teachers and students interested in the study of French or Spanish or German or Latin are organized into clubs. These clubs meet twice a month and enjoy programs of songs, talks, reports, games, etc., in which the foreign language is the medium of speech. Membership is open not only to students but also to all people within easy reach of the University who have studied or are studying the modern languages. Membership privileges are especially extended to people of the community of French, German, Spanish or Spanish-American birth.

Gamma Phi Omicron. (Home Economics.) An organization of the advanced students majoring in some phase of Home Economics. Its purpose is to develop culture and scholarship among its members, and to lend its aid in establishing better homes and community life.

Home Economics Club. The club is organized to create a professional spirit among the students of Home Economics. Regular meetings are held at which interesting lectures are given. Special activities are fostered. All girls registered in Home Economics courses are eligible for membership.

Graduate Club. This club is an organization of the students of the University who are pursuing graduate study. The purpose of the organization "shall be to foster fellowship among its members; to stimulate a desire for higher learning; to assist in finding and developing leadership in the communities; and to use every effort to enhance the interests of the Brigham Young University." A student becomes a member automatically upon registration in the graduate division.

Literary Club. The purpose of this organization is to develop greater appreciation of good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others.

Psychology Club. An organization to foster a better understanding of scientific psychology, and to supplement the regular courses of the department by affording the opportunity of discussing certain current problems by advanced students and outside speakers.

Studio Guild. This organization is for the benefit of students having special talent in any particular phase of fine art and applied art. Lectures on practical topics in connection with arts and crafts are given by members of the faculty and other recognized educators. Exhibitions of artists' and of craftsmen's work are held under the auspices of this organization.

Yeshara—Women's Missionary Club. An organization of women students who have been engaged in active missionary service. Its purpose is to preserve the missionary spirit among the students and alumnae of the University and to render help where possible to women missionaries in the field.

The "Y" Chemical Society. An organization consisting of students interested in the field of chemistry. Meetings are held every alternate week, at which time lectures dealing with the outstanding problems in chemistry, or material intimately connected with this field are given by authorities on the specific subjects. Various excursions to the outstanding institutions of scientific value and interest in the state are sponsored.

International Relations Club. The purpose of this club is to stimulate interest in a clearer understanding of international problems and to develop a spirit of world helpfulness and peace. The club is sponsored by the Carnegie Endowment for International Peace. It is under the general supervision of the department of Political Science.

Omega Nu. The Omega Nu honorary journalism fraternity was founded in the autumn of 1935 to stimulate interest in journalism and to promote higher standards in the field.

Geographical Clubs are organized for the furthering of social enjoyment and the establishing of bonds of sympathy between the school and the home.

NATIONAL FRATERNITIES

Theta Alpha Phi. National professional dramatic fraternity. Co-educational. The Utah Beta Chapter was installed at this institution in 1924. The purpose is to foster artistic achievement in all of the arts and crafts of the theater.

Tau Kappa Alpha. Honorary national debating fraternity. Those who engage in inter-collegiate debating and oratory or who attain marked distinction in forensic activity are eligible to membership.

Alpha Kappa Psi. (Beta Delta Chapter.) A professional commerce fraternity the purpose of which is to foster studies in commerce, encourage scholarship and association between members and the commercial world. Male College of Commerce students are eligible for membership.

Beta Beta Beta. (Phi Chapter). Installed January 31, 1931. An international honorary biological fraternity, which emphasizes a three-fold program: Sound scholarship; dissemination of scientific knowledge; and promptness of biological research. All junior and senior students having twenty-four hours of biological credit are eligible for membership.

Phi Delta Pi. Women's National professional physical education fraternity. Xi Chapter installed November 21, 1931. Its purpose is to stimulate professional and scholastic interest in physical education.

Blue Key. The Blue Key national honorary leadership fraternity was chartered at the Brigham Young University in the spring of 1932. Its purpose is to foster Student Body projects of merit which cannot well be handled by any other organization. It is an upper-classmen organization, the membership of which is fixed at from twelve to twenty active members.

Sigma Pi Sigma. A national honorary Physics Society with the following objectives: (1) to stimulate high scholarship, (2) to create an interest in research and the advanced study of physics, and (3) to encourage friendship among the majors in the department. Installed May 2, 1936.

NON-STUDENT ORGANIZATIONS

B. Y. U. Women's Organization. The purpose of this organization is to foster the ideals of the institution and to help furnish recreation and social amusement for the faculty. A woman is eligible for membership in this organization and becomes a member on payment of dues provided that at the time she seeks admission she is either: (1) a present faculty member, (a faculty member is one who holds at least the rank of instructor); (2) a past faculty member; (3) a matron; (4) a board member; (5) the wife of a faculty member who has died in the service of the school; (6) the wife of a present faculty or board member.

Faculty Fine Arts Club. This club is organized to develop and maintain a closer co-operation among the members of the fine arts faculty; to increase the appreciation of each member for all arts; to keep the members aware of what is going on in the various fields of fine arts; and to encourage among the members original creation in music, literature, painting, etc.

SCHOLARSHIPS

Graduate Scholarships. A limited number of scholarships are available to graduate students who are prepared to render assistance in the various departments of the University. These scholarships are granted on the recommendation of the departments concerned with the approval of the President of the University.

Maria Y. Dougall Scholarship. A scholarship for girls, representing $30.00 awarded annually on the recommendation of Mrs. Maria Y. Dougall of Salt Lake City.

Eliza A. Wallacott Scholarship. A scholarship for girls representing $30.00 awarded annually through the recommendation of the President.

Van Wagenen Band Scholarship. For the encouragement of worthy students in the line of band music, Mr. Alma Van Wagenen of Provo has established an annual scholarship of $50.00.

Junius M. Jackson Scholarship. An annual scholarship of $75.00 to the most outstanding athlete at the end of the junior year, judged on the basis of athletic participation and scholarship, as determined by the Athletic Council and Registrar, awarded by Junius M. Jackson, President of the Jackson Motor Car Company of Salt Lake City.

Annual Commercial Contest Scholarships. Five scholarships are awarded to the winners of specified events in the Commercial contest for high school studests held at the University each year.

The Oscar B. Young Prize. An award of $50.00 given annually by Professor Kimball Young for the best essay on some phase of **Mormon Community Life.** The adjudication is under the supervision of the department of Sociology.

Mask Club Scholarship. An award of twenty-five dollars is given annually to the junior or senior of the Speech Department attaining the highest average in scholarship and excellence in Speech Arts. This award is given upon registration the following school year. The Dean of the College of Fine Arts and members of the speech faculty make the selection.

Speech Tournament Scholarships. The University awards two annual scholarships representing one year's tuition fees to two high school seniors attaining the highest degree of excellence in speech achieved in the Bringham Young University Speech Tournament. Character and scholarship record in the high school will also be considered in making the selection.

The Speech Department awards a quarter's free instruction in private speech to the student attaining highest excellence in dramatic art achieved in the Annual Speech Tournament. This private instruction may be taken from any member of the speech department staff.

AWARDS

Students eligible for these awards must be duly registered and carrying successfully at least ten hours of University work.

Provo Chamber of Commerce Medal. The Provo Chamber of Commerce presents annually a gold medal to the most efficient student in the University, based upon scholarship, social status, and public service.

The Elsie Chamberlain Carroll Medal. Mrs. Elsie

Chamberlain Carroll presents annually a gold medal to the student (girl) of the University writing the best short story.

The Adams Gold Medal. Mr. and Mrs. Walter Adams present annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is a stringed instrument.

The Taylor Gold Medal. Taylor Brothers Company presents annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is the piano.

Alpha Kappa Psi Scholarship Award. Alpha Kappa Psi Fraternity awards annually the Alpha Kappa Psi Scholarship Medallion to the male student of the junior class in commerce who possesses the highest scholastic average for three years' work taken in this university.

The Kirkham Medal, a gift of Francis W. Kirkham, to those who win their state inter-collegiate debates.

The Dr. Horace G. Merrill Silver Loving Cup is awarded to the student of the University who shall attain first place in the annual Cross Country Run, held immediately preceding the Thanksgiving recess. Should a student win first place more than twice the cup becomes the property of such student.

The Woolley Gold Medal. Miss Mary Woolley presents annually a gold medal to the student giving the best rendition of a dramatic reading.

The Stein Gold Medal. Mr. J. Edwin Stein offers annually a gold medal for the most efficient athlete. Efficiency is based upon the participation in athletics, scholarship, and social activity.

The R. R. Irvine Medal is presented annually for excellence in oratory, subject to be based upon some economic problem.

The Class of 1919 Gold Medal is awarded annually for excellence in vocal art.

The Noble Medal. Mrs. Hazel Noble Boyack offers annually a gold medal to the most efficient senior student enrolled in the Home Economics department. The selection of such student will be made by the faculty of the Home Economics department.

The Provo Drama Center, Mask Award. A prize of twenty-five dollars is given each year for the best one-act play of merit, on a Western or pioneer theme.

Provo Rotary Club Gold Medal. A gold medal awarded to the winner of an oratorical contest on some subject of international good will.

The E. H. Eastmond Gold Medal is awarded annually for the best painting or drawing of Mt. Timpanogos in any medium.

Studio Guild Medal. A gold medal is awarded annually by the Studio Guild for the best landscape painting done during the school year in any medium. Members of the Art department faculty and the officers of the Studio Guild make the selection.

Dramatic Service Awards. The Dramatic Art department awards annually a dramatic honor pin to each of three students who have given the most helpful service to the University and to the community during the year.

Egbert Gold Medal. Miss Anna Egbert gives a gold medal for the most efficient debater each year. The award is made in honor of her father, Robert N. Egbert.

The Evans Competitive Acting Award. Mr. Edmund Evans offers annually a watch for the student, who, in the estimation of a group of judges plays the best sustained role in the annual competitive play.

The Evans Gold Medal. Mr. Edmund Evans offers annually a gold medal to the most efficient graduate in the Speech department. Efficiency is based upon participation in speech activities, social activity, and scholarship.

Sigma Xi Award. The Society of Sigma Xi of the University awards annually a gold medal for the best piece of research done during the year by any student of the University.

I. E. Brockbank Award. Mr. Isaac E. Brockbank of Provo awards annually a cash prize of twenty-five dollars for the best production in art in any medium.

The Delta Phi Fraternity presents annually a gold medal for excellence in extemporaneous speaking.

Tau Kappa Alpha Fraternity presents two gold medals to the winners of the inter-class debate league.

The A. C. Reese Language Awards for 1936-1937. One student of French and one student of German, will each be awarded $10.00 for distinguished attainments in the foreign languages, as shown by an original composition, written, memorized and orally delivered.

Journalism Awards. Omega Nu, journalism fraternity, fosters annual contests in short story, feature article, essay, verse, and news writing. Awards are donated by members of the Journalism Department faculty.

DISCIPLINE

The maintenance of standards of honor, Christian integrity, and Latter-day Saint ideals is required. Within these limits the students are given the fullest freedom. Those who fail to conform to these standards either in personal habits or associations are subject to discipline.

The use of tobacco will not be permitted, and having improper associates or visiting places of questionable repute will not be tolerated.

All social functions given by any organization of the school are under the direction of the standing committee on socials. Any disciplinary announcement made by the executive of the institution becomes a part of these regulations. Violations of regulations makes the offender liable to suspension or expulsion.

Regular attendance is required at all recitations, laboratory and field work. The committee on attendance and scholarship has general supervision of the disciplinary work of the institution. Regular students who are not satisfactorily carrying at least ten hours work will not be allowed to remain in the institution.

FUNCTION OF THE MEDICAL DIRECTOR

The principal function of the medical director is to conduct the physical examinations of the students and to look after the general health conditions of the school. In addition all students have the privilege of free consultation with him at his university office during schedule office hours, or by appointment. He will gladly respond to all calls to investigate the presence of contagious diseases, but he cannot assume the responsibility of furnishing free treatment for such cases, as is done in schools where the students pay a medical or hospital fee. However, if those students who are unable to pay for necessary service are reported, efforts will be made to see that they are taken care of. No charge will be made for first aid service to persons injured in athletic contests or other forms of school activities, except for material used.

DEAN OF WOMEN

The Dean of Women is charged with the general oversight of all women students, and is always ready to aid and advise them in matters pertaining to their university life. She will not only attend to the special needs of young women during school hours, but will use every precaution to see that they are properly cared for at their boarding places. All women students are required to leave a directory card with the Dean of Women when they register.

LIBRARY

The University Library contains more than 95,000 volumes and 50,000 pamphlets and bulletins. These publications cover all phases of human interest and offer opportunity to make intensive studies in almost any field of the sciences or arts. The library has for years been a Government Depository to receive all Government documents. These documents are all well classified and indexed. Besides the Government Documents the Library has nearly a complete set of all agricultural experiment station literature from every state in the Union. It regularly receives important state documents on education, history, politics and various other topics as they are issued by the different states, and is on the publication exchange lists of many of the colleges and universities of the United States and elsewhere. The Carnegie Institute of Washington, the Carnegie Peace Foundation, the Rockefeller Foundation, the General Education Board, the American Council on Education, the Milbank Memorial Fund, the Bell Telephone Laboratories and several of the large business organizations all supply technical and informative literature. The Library subscribes for such technical journals and magazines as are essential to a thorough college education, and it maintains its own book bindery.

Each year the Library strengthens itself along specialized lines through contributions of books to its special collections, of which the following are now being rapidly augmented:

B. Y. U. Women (Memorial) Collection—General
Brimhall Collection—Theology
Bennion Collection—Biography
C. H. Carroll—Medicine
Egbert Collection—Music

Heber J. Grant—General
Henning Collection—Archaeology
Hinckley Collection—Geology
Ivins Collection—The American Indian
Jordan Club Collection—Biology
Lund Collection—Music
McKay Collection—Education
Mask Club Collection—Dramatics
Nelke Collection—General Literature
Reynolds Collection—Literature
Smith (F. W.) Collection—Chemistry
Sorosis Club Collection (Memorial)—General
Spilsbury Collection—Home Economics
Whitaker Collection—Foreign Languages
Whitecotton Collection—
Widtsoe Collection—Agriculture

The Library is open each school day during the regular school year from 8 A. M., until 10 P. M.; on Saturday from 10 A. M., until 4 P. M.; and during the Summer Session from 7:30 A. M., until 9 P. M.

SPECIAL SCIENTIFIC AND ART COLLECTIONS

The Zoological and Entomological Collections of the University consist of a large series of identified invertebrate and vertebrate species of Utah and contiguous states.

The Entomological Collection consists of over 50,000 specimens; the Tom Spalding Collection of Utah lepidoptera, the Chester Van Buren Collection of South American Butterflies, some Weevils from the Blatchley Collection form important portions of this collection.

A complete series of the fish, amphibians, reptiles, birds and mammals of this region are to be found in the collection. The fish collection is especially rich in species and specimens from the intermountain region. There is also a collection of Hawaiian fish made by Dr.

David Starr Jordan. Specimens of practically all the species of amphibians and reptiles of Utah and many species from various portions of the United States are in the collection. The bird collection consists of about 1,700 skins, 1,000 of which were collected in the Magdalena River Valley of South America by Chester Van Buren in 1901-03. This collection is being added to annually by means of collecting expeditions that are sent out to various parts of the Western United States.

The Botanical Collection includes a herbarium of liverworts, mosses and vascular plants; and also an extensive series of preserved algae, fungi, liverworts, mosses, ferns, and seed plants. There is also included a number of medical plants and a series of plant diseases.

The herbarium is made up principally of plants collected throughout the Western States, but many species from other regions are included. The collection of North American plants includes 125 families, 740 genera, and 2,110 species, represented by over 6,750 herbarium sheets. There is also a collection of plants from Siberia, obtained by President F. S. Harris in 1929, as well as a small group of plants from Europe and from South America.

The Geological Collections of the University consist of an unusually complete series of minerals and an interesting variety of fossils.

The minerals number many thousands and are representative of the great western mining districts together with hundreds of world localities of note. Part of this collection once represented the nucleus of the famous Deseret Museum collection of Salt Lake City.

The fossil series are representative of many western and typical world localities. Much of this material was also formerly a part of the Deseret Museum collection. The vertebrate collection is especially rich in original fossils and casts of the characteristic mammalian fauna that lived in the Western states during the immediate geologic past.

The **Archaeological** collections include a number of well prepared case exhibits of Utah Indian materials, including pottery, basketry, stone implements, wearing apparel and picture writings. It also includes a number of South Pacific Islands collections together with what is thought to be the finest South American collection of Indian pottery in the West.

The **Fine Arts** collection consists of paintings, sculpture and art prints. Early pioneer artists are represented as well as more recent and modern painters and sculptors. The collection comprises also noteworthy pieces done by such foreign artists as George H. Taggart and Louis Potter of Chicago, Lee F. Randolph of San Francisco, Pedro J. Lemos, Palo Alto, Calif., and the late Wm. Morris, London, England. The halls throughout the institution are graced by the collection instead of its being assembled in an art gallery.

GENERAL REQUIREMENTS FOR UNDERGRADUATE WORK

ADMISSION

A student seeking admission to any of the colleges of the University must be a graduate of an accredited high school, or he must present sixteen units of approved high school work which must be acquired during four school years, or he must pass an examination in a sufficient number of subjects to make sixteen units. In no case shall fewer than twelve of the sixteen units be acquired during the last three years of high school. He must offer among his credits the following:

English	3 units
A principal group	3 or more units
A secondary group	2 or more units

The principal and secondary groups must be selected from either Mathematics and Science or from History and Social Science. At least one unit in Mathematics, either Algebra or Geometry, must be included in either the principal or the secondary group. If the principal group is from Mathematics and Science, the secondary group must be from History and Social Science, or vice versa.

To facilitate registration, a student seeking admission is requested to forward an official copy of his credits to the Registrar not later than September 1. If blanks for this purpose are not to be had at the local school, they may be obtained from the Registrar of the University.

In case a student is unable to furnish an official transcript of credits on or before the day of registration, he may be admitted tentatively, provided the committee on admission and credits is convinced he can furnish such transcript and otherwise meet the entrance requirements within thirty days. During this tentative period he will be rated as unclassified.

A student of twenty-one years of age or over, who has not completed sixteen units of high school work, but shows ability to do special work, may be admitted to any of the colleges of the University. Ability to do special work must be certified to by the heads of the departments concerned. He may pursue any course for which he has sufficient foundation, and will be rated as an unmatriculated student. To become a candidate for a degree such student must meet the entrance requirements.

A student who has met the entrance requirements but who is carrying fewer than eight hours of work will be designated as a special student.

COURSE DIVISIONS

Undergraduate courses of study are divided into:

(a) Lower Division.
(b) Upper Division.

Lower Division courses are numbered in the catalogue from "1" to "49," Upper Division courses from "50" to "99." Graduate courses are given numbers above "100."

ELECTION OF STUDIES

The student, in electing his studies, should, with the advice and approval of the dean of the college in which he registers, elect such studies as are desirable. The major and minor, as well as the general, requirement for graduation should be kept in mind in electing studies. Three hours credit in Physical Education are required of all Freshmen. Should a resident student desire to take courses by correspondence or in extension classes, the approval of the student's dean must be secured, and the correspondence or extension work entered upon the regular registration card. Excess work taken by correspondence or extension classes not approved in this manner, will not be recorded for credit. Resident students of other institutions who apply for correspondence or extension class work, at this University, must have their proposed registration approved by the president of the institution in which they are registered. Students wishing to transfer correspondence credits from other institutions are subject to examination by the University department concerned.

At least five quarters of lower division work should be completed before the student registers for upper division work, unless in certain sequences the dean with the consent of the instructor advises otherwise. Included in the lower division work must be English 1, 2, 3; and for the A. B. degree twelve hours in foreign language work. It is recommended that as far as possible group requirements be completed by the close of the sophomore year.

CLASSIFICATION OF STUDENTS

A regular student with fewer than forty-five hours credit at the beginning of the school year will be classed that year as a Freshman.

A regular student with more than forty-five hours credit and fewer than ninety at the beginning of the school year will be classed during that year as a Sophomore.

A regular student with more than eighty-nine hours credit and fewer than one hundred thirty-five at the beginning of the school year will be classed during that year as a Junior.

A regular student with more than one hundred thirty-four hours credit at the beginning of the school year will be classed during that year as a Senior.

CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the regular courses offered by the institution. 2. For work done in an accredited college when such credit is to be used for graduation from the University, the amount to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. Credits from other schools should be filed with the Registrar upon entrance.

Special examination for advance credit will be given only with the consent of the head of the department concerned, the dean of the college in which the student is registered, and the committee on credit.

An incomplete course of study must be completed during the next quarter of residence, provided the next quarter of residence is within one year; otherwise the course must be retaken in a class or a special examination taken to obtain credit.

A fee of $2.50 per credit hour is charged for special examinations, provided the total fee for any one subject does not exceed $20.00.

GRADUATION

GENERAL REQUIREMENTS

For a student to be admitted to candidacy for a diploma or a degree, his scholastic record must show that he has satisfied the entrance requirements, and that he can fulfill all the requirements for graduation on the completion of the courses for which he is registered. At the time of graduation each candidate must be properly registered in the University, and must have completed at least forty-five hours of work in residence.

The following graduation requirements apply to all candidates for a bachelor's degree from any of the colleges of the University:

Total amount of credit	186 hours
Requirement for a major	30 hours
Requirement for a minor	20 hours

Group Requirements:

Mathematics and Physical Science	12 hours
Biology and Psychology	12 hours
Social Science	12 hours
English and Foreign Languages	18 hours

Lower Division courses required:
English 1, 2, and 3.
Physical Education, four hours.

A candidate for a Bachelor of Arts degree is required to furnish 24 hours credit in a foreign language. Shopwork, shorthand and typing will not be credited towards the A. B. degree.

Not more than 28 hours of "D" grade credit will be applied towards graduation.

Students who expect to be graduated at the end of the spring quarter should file application with their dean not later than the beginning of the winter quarter. All conditions must be removed not later than ten days before graduation.

Students who fulfill all requirements for graduation at the close of the Summer Session and who have filed application for graduation not later than thirty days preceding the close of the spring quarter may have their graduation certified to by the proper authorities of the University, but they shall not be publicly graduated until the annual commencement of the following year.

The University reserves the right to change the requirements for graduation and a candidate for graduation will be asked to comply with all changes which pertain to the uncompleted portion of his course. The University Council is the body authorized to prescribe requirements of graduation and to pass on candidates.

GROUP REQUIREMENTS

Ordinarily the object of the first two years of the University curriculum is to introduce the student to fundamental fields of human interest and to provide a broad basis for later specialization. In order that these purposes may be achieved, certain studies should be completed under the direction of the respective deans. Before a regular student will be permitted to register for more than five quarter hours of upper division work during any one quarter, he must choose or be tentatively assigned to a major professor and have completed the number of hours prescribed in each of the following groups:

1. **Mathematics and Physical Science.** 12 hours. (Mathematics, Chemistry, Physics, Geology, and Geography.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

2. **Biology and Psychology.** 12 hours. (Bacteriology, Botany, Zoology and Entomology, Psychology.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

3. **Social Science.** 12 hours. (Economics, History, Political Science, Sociology.) Not more than six quarter hours in one department may be counted in fulfilling this requirement.

4. **English and Foreign Languages.** 18 hours, at least 12 hours of which must be in English. This group must include English 1, 2, and 3. In case a student has credit for at least two units of foreign language taken in high school, this group may be reduced to 14 hours.

MAJOR AND MINOR REQUIREMENTS

At least sixty hours of upper division work must be furnished by students applying for graduation.

At the beginning of his college course, and in no case later than his Junior year each student should select his major professor who, in connection with his dean, will serve as his special faculty advisor. At the time of his graduation he must have completed no fewer than thirty quarter hours in the department in which he is majoring, and no fewer than twenty hours in a collateral or minor subject which meets the approval of his dean and his major professor. He must also satisfy any special departmental requirements announced in the catalogue.

In cases where the prospective graduate's high school and college work shows marked evidence of deficiencies in grade of scholarship, in breadth of training, or a preparation for probable future activity, the dean may use his discretion in prescribing certain specified courses to the extent of fifteen quarter hours according to the needs of the particular student.

STATE REQUIREMENTS FOR TEACHING CERTIFICATES

General High School Teaching Certificate. An applicant for the general high school certificate must show:

(1) That he has completed a standard college course of four years, or its equivalent.

(2) That he has a teaching major of at least **thirty hours in one subject** which is taught in Utah high schools, at least 15 **hours of which must be in upper division work, and one teaching minor of eighteen hours** in a subject which is taught in Utah high schools.

(3) That he has at least 13 hours of work in the following subjects allied to education: 3 hours in health education, **10 hours in ethics and sociology**, or 5 hours in one of these subjects and 5 hours in political science or economics.

(4) That he has at least 27 hours in education, including at least 8 hours in secondary training, 3 hours in the organization and administration of secondary education, 3 hours in educational psychology, and 3

hours in guidance and personnel.

The additional credit in education may be selected from the following subjects:

Advanced Educational Psychology
Social Psychology
Social Education
Statistical Methods
Educational Tests and Measurements
Special Methods
History of Education
Philosophy of Education.

First Class Elementary School Teaching Certificate.. Beginning elementary school teachers will be required to hold the elementary certificate based on at least 3 years (135 hours) of approved normal school or college work. In the 135 hours there shall be included: 10 hours in English at least 6 of which shall be in English composition; 4 hours in language and literature for children; 6 hours in physical and health education, 3 hours in art, 3 hours in music, 27 hours in education to include 10 hours in training and at least 3 hours in each of the following education subjects:

Educational Psychology
Elementary School Curriculum
Principles of Education
Organization and Administration of Elementary Schools

There will also be included in the 135 hours, 10 hours in each of the following groups:

Social Science
Biological Science
Physical Science

THE GRADUATE SCHOOL

All graduate work leading to higher degrees is now administered under the direction of the Graduate School.

Character of Graduate Work. The essential aim of graduate study is to develop the power to do independent work and to encourage the spirit of research. Each candidate for a higher degree is expected to possess a broad, general knowledge of his major and a fair degree of information in his minor subject.

Registration. All students pursuing graduate work are to be registered by the Dean of the Graduate School.

Students holding a Bachelor's degree equivalent to that conferred by the Brigham Young University will be admitted to graduate work without examination.

If during any quarter of the senior year a candidate for a baccalaureate degree finds it possible to complete all requirements for such degree with a registration of fewer than sixteen hours of undergraduate credit he may register with the Dean of the Graduate School for enough graduate credit so that the total registration shall not exceed sixteen quarter hours during such quarter.

Admission to graduate courses is granted only to those who have the requisite undergraduate work in those courses or departments. In order adequately to determine this fact the student should file with the Dean of the Graduate School an official transcript of his undergraduate courses at the time that he registers for graduate study.

Each graduate student must submit his course of study and the title of his thesis to his major professor and the Dean of the Graduate School for approval. Changes in registration may be made only with their consent.

Graduate credit is given under the following conditions: (1) The courses for which graduate credit is given must be definitely catalogued as courses carrying graduate credit. (2) Only those students who are eligible to receive graduate credit at the time a course is taken will receive graduate credit for such a course.

Admission to Candidacy. Registration for graduate study does not admit a student to candidacy for a higher degree. A graduate student who has been in residence one quarter or more whose thesis subject has been approved, and who has given evidence of ability to do work of a graduate character may be admitted to candidacy for a higher degree by vote of the University Council. The mere accumulation of credits does not necessarily indicate ability to do graduate work. All applications for admission to candidacy for a higher degree should be made to the Dean of the Graduate School.

Requirements for the Master's Degree. Two higher degrees are offered: Master of Arts (M. A.), provided the candidate meets the foreign language requirement for the A. B. degree; and Master of Science (M. S.) if the candidate does not meet the foreign language requirement for the A. B. degree. A student may be admitted to candidacy upon the completion of the following requirements: (a) The candidate must, after securing a Bachelor's degree, furnish 48 hours of graduate credit, approved by the Dean of the Graduate School and major professor, in addition to 186 hours of college credit, and 16 units of high school credit. Beginning with the school year 1935-36 the candidate will also be required to be in residence three quarters. (b) A thesis must be submitted based on work done in some field of investigation within the major department, and which must show evidence of independent research. The final acceptance of the thesis shall be under the supervision of a committee to be known as the Thesis Committee. This Committee shall consist of the major professor and two other persons to be selected by him. The thesis must be completed at least ten days before the final examination. (c) At least fifteen days before graduation, the candidate must pass an oral examination to be given by a committee to be known as the Examining Committee. This Committee shall consist of five members including the Dean of the Graduate School, the major professor, and three other members to be selected by them.

The candidate shall furnish complete copies of his thesis to his major professor and to the Dean of the

Graduate School at least five days before the date of the final examination. (d) A bound typewritten or printed copy of the thesis must be furnished the University library. Before the degree is granted the candidate must file with the Dean of the Graduate School a statement from the Librarian acknowledging the receipt of this copy. (e) A candidate for a Master's degree must secure a grade of "B" or above in three-fourths of his graduate work. No grade below "C" will count toward a Master's degree. (f) An applicant for this degree must furnish at least one-half of his graduate credit in his major subject. The rest of the credit for this degree must be offered in work closely related to the major subject.

SCHOLARSHIP HONORS

In recognition of meritorious work, scholarship honors are granted to members of degree graduating classes in accordance with the following:

First. There shall be two degrees of honor: **Graduation with Honor, and Graduation with High Honor.**

Second. The awards shall be made on the basis of excellence shown in the upper division or graduate work done in the Brigham Young University.

Third. To receive the award of Graduation with Honor a student shall have a record of not fewer than thirty hours of upper division work showing "A" grade and not fewer than fifty hours of such work showing "A" and "B" grades.

Fourth. To receive the award of Graduation with High Honor a student shall have a record of not fewer than forty hours of upper division work showing "A" grade, and not fewer than fifty-five hours of such work showing "A" and "B" grades.

Fifth. The number of graduates receiving honors shall not be greater in any year than one-fifth of the numbers of students graduating. In the event that more than one-fifth of the graduates shall meet the honor requirements set forth above, the students to receive honors shall be chosen as follows: The number of hours of "A" grade of each subject shall be multiplied by "1½," and the number of hours of "B" grade by "1." The one-fifth of the graduates receiving by this process the highest product totals shall receive honors.

Sixth. It shall be the duty of the Committee on Graduation to make selection of candidates in accordance with these provisions.

Seventh. The announcement of honor awards is to be made at the annual commencement exercises.

Term Honors. The University will post and publish at the close of each quarter of the regular school year the names of the one graduate student, the five senior college students (juniors and seniors), and the five junior college students (freshmen and sophomores) who have received the highest grades in classwork during the quarter.

Class grades are to be used exclusively in determining honors, except in case of a tie, when the general school activity of the student shall be considered. The basis of the computation shall be credit hours times grade; and an "A" shall count one and one-half times a "B."

Colleges

COLLEGE OF APPLIED SCIENCE

The aim of the College of Applied Science is to provide instruction in the scientific principles and technical operations pertaining to the farm, the home, the shop, and the professions, trades, and industries related to the same. Students may specialize in any one of the many fields of applied science and prepare for capable leadership and efficient service in their chosen lines.

The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments in the College of Applied Science: Agronomy, Animal Husbandry, Horticulture, Home Economics, Bacteriology, Animal Husbandry, Horticulture, Home Economics. Landscape Archecture, Mechanic Arts.

SUMMARY OF REQUIREMENTS FOR A TEACHING MAJOR IN HOME ECONOMICS

(To qualitfy for a Smith-Hughes Certificate)

Group and prerequisite requirements	66 hours
Clothing and Textiles, 1, 2, 3, 56, 60, 61, 65	21 hours
Foods and Nutrition 10, 11, 12, 50, 53, 54	22 hours
Household Administration 5, 53, 54, 60, 61, 62, 71, 72, 73, 80, 81, 82 or 78	26 hours
Education must meet State requirements	30 hours
Art 21, 25 and 26 or 28 and 29	6 hours
Physical Education	3 hours
	174 hours

The 69 hours in Home Economics courses replace the major and minor requirements.

SUMMARY OF REQUIREMENTS FOR A TEACHING MAJOR IN AGRICULTURE

(To qualify for a Smith-Hughes certificate)

Agronomy 21, 41, 52, 60	14 hours

Animal Husbandry 1, 2, 5, 8, 9	17 hours
Horticulture 1, 2, 3, 7, 32, 59	18 hours
Mechanics 1, 2, 6, 11	10 hours
Drawing 1, 4	4 hours
Landscape Architecture 21, 24	6 hours

State teachers requirements in education and psychology which must include: Secondary teaching 63 and 94.

The hours in agriculture and mechanics replace the major and minor requirements.

Group requirements	54 hours

COLLEGE OF ARTS AND SCIENCES

The primary purpose of the College of Arts and Sciences is to meet the needs of students who desire a broad and liberal education that will enable them to find and take their places in the complex civilization of today. Abundant opportunity is provided for those who have ambition for specialized study in engineering, medicine, law; or who desire to train for religious, political or social leadership. Preparation for original investigation in the fields of this college is emphasized. Students who wish to build a foundation for advanced degrees will find this college rich in opportunity.

In order that the beginning student may receive adequate guidance in the selection of a course of study, this college has been divided, for purposes of freshmen and sophomore registration only, into the following divisions. Detailed suggestive courses may be obtained from the Dean on application.

Biological Science Division. For students with special interest in bacteriology, botany, psychology, and zoology.

Physical Science Division. For students with special interest in chemistry, geology, geography, mathematics and physics.

Social Science Division. For students with special interest in history, political science, sociology and economics.

Language Division. For students with special interest in English, French, German and Spanish.

General Course Division. For students who have as yet no special interest, but who need orientation.

This college also offers pre-engineering, pre-medical, and pre-legal courses as follows:

PRE-ENGINEERING COURSE

Freshman Year: English 1, 2, 3; Chemistry 4, 5, 6; Mathematics 11, 12, 49. The rest of time from the following: Drawing 4, 5, 6; Physical Education 1, 4, 5, 6, or electives.

Sophomore Year: Mathematics 50, 51, 52; Physics 41, 42, 43; Surveying, and the rest of the time from the following: Drawing, Economics, and electives.

PRE-MEDICAL COURSE

The following courses are required in a Pre-medical course: Chemistry 4, 5, 6, 71, 72; Physics 41, 42, 43; English 1, 2, 3; German 1, 2, 3, 55, 56, 57; Zoology 11, 18, 55, 56, 71, 72; Bacteriology 21; Psychology 11; Sociology 1, 2, 3. Electives should be chosen from courses which satisfy group requirements.

PRE-LEGAL COURSE

Lower division students who contemplate the study of law should register for Political Science 1, 10, 11; Economics 1, 2, 14; English 1, 2, 3; and Physical Education 1, 4, 5, 6. They are also advised to register for work in American and English history, and in Sociology. Electives should be chosen from courses which satisfy group requirements.

At least by the beginning of the junior year students should select their major department, and seek the aid of the major professor as well as the Dean in matters of registration. Students may select their majors from any of the following departments in the College of Arts and Sciences: Botany, Chemistry, English, Geology and Geography, History, Mathematics, Modern and Classical Languages, Physics, Political Science, Psychology, Sociology, and Zoology and Entomology. The degrees, Bachelor of Arts and Bachelor of Science, are given to graduates of this College.

COLLEGE OF COMMERCE

The purpose of the College of Commerce is to provide training for leadership in finance and industry. Courses are so arranged that students will be given the training that will best fit them for analyzing business conditions, for efficiency in office administration, and for the demands of the industrial and financial world. The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments: Finance and Banking, Accounting and Business Administration, Agricultural Economics, Economics, Marketing, and Political Science.

COLLEGE OF EDUCATION

The College of Education is one of the professional schools of the University. Its principal function is the training of teachers, principals, supervisors, and superintendents. This college aims to meet the requirements of the Utah State Board of Education for the various grades of elementary and high school certification and for certificates and diplomas in administration and supervision.

The College of Education is made up of two constituent divisions, namely: The department of academic instruction, and the training schools.

The following departments are at present organized: Elementary Education, Philosophy of Education, Psychology, Educational Administration, Secondary Education, Religious Education, Physical Education.

In addition to the foregoing departments for majors and minors in the College of Education, students of this college may major in any department of the University, which department requirements they fulfill, provided they take at least thirty hours in professional educational subjects.

Students who intend to qualify for teaching should declare their intentions of doing so at the beginning of their junior year, if they intend to teach in the high schools, or at the beginning of their freshman year if they intend to teach in the elementary schools. Those who are preparing for high school teaching should also choose not later than the beginning of their junior year, a teaching major and a teaching minor in some of the departments of the University.

Training Schools—Two training schools are established: first, an elementary training school organized for practice teaching for those preparing for kindergarten and elementary school work; second, a secondary training school which offers training in the six years of high school and gives ample opportunity for practice teaching to advanced students.

The degrees of Bachelor of Arts and Bachelor of Science are given to graduates of this College.

Students who are planning to become teachers in the elementary schools will be required to take a three-year course leading to the normal diploma which is granted to students registered in the College of Education who complete three years of college work. One hundred thirty-five hours are required for the Normal Diploma. The prescribed work for this diploma is as follows:

Elementary Education 3, 4, 51, 54, 55, 56, 57, 61, or 63; Art 41, 42; Music 41; Psychology 51; Zoology 58; English 1, 2, 3; Library 11; Speech 1 or 11; Physical Education 1, 21, 22. Of the ten hours required in the Social Science group Sociology 1 or Education 1 is prescribed. In the Biological Science group, Bacteriology 21, and in the Physical Science group, Geography 52 are prescribed. The other electives should be chosen with the advice of the head of the department of Elementary Education.

Only students of Junior standing will be permitted to take elementary training.

Those who complete the University's requirement for a elementary teaching will receive, upon application, a diploma. These requirements include the minimum requirements prescribed by the state and, at the same time anticipate the requirement for a degree in Elementary Education which may be secured upon completion of one more year of carefully selected work.

The diploma is an endorsement of the students' fitness to teach in the elementary schools and will enable the student to secure a first class elementary school certificate from the Utah State Board of Education.

COLLEGE OF FINE ARTS

The policy of the University has always provided for a liberal patronage of the fine arts. A constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them into this field resulted in the organization of the College of Fine Arts.

With an exceptionally well prepared faculty, who have received the benefits of extended study and travel in recognized art centers, and adequate physical equipment in each department, this college is able to do work of high scholastic standing.

Any course offered in this college, leading to a degree, is the cultural equivalent to other college courses differing from them mainly in respect to the emphasis placed upon the study of fine arts.

At present the following departments are fully organized: Art, Speech, and Vocal and Instrumental Music. Majors may be selected from the work offered by these departments. Graduates of this college may receive the degree of Bachelor of Arts or Bachelor of Science.

SUMMER SESSION

It is the policy of the Brigham Young University to make the summer session one of the regular quarters of the school year. A large corps of teachers, supplemented by well known educators from other institutions, offers a wide range of subjects from each of the departments of the school.

The summer session is divided into two terms so that students may be in attendance only part of the summer, if they desire, without hindrance to the completion of their courses. The first term is held on the Provo Campus, the second on the Alpine Campus to the east of Mount Timpanogos. This latter campus is located about fourteen miles from Provo at an elevation of nearly 7000 feet. Splendid roads lead to it, making it easily accessible to anyone wishing to drive there. Although a wide range of subject matter is taught on this campus it affords exceptionally fine conditions for the study of art and the natural sciences.

The summer session offers the opportunity to persons who are employed during the usual nine months of schooling to pursue graduate work, and to regular students the opportunity to complete requirements for graduation in a shorter time than four years.

LYCEUM COURSE

For many years the University has brought to its students distinguished men and women in lectures, in dramatic art, and in music.

During the past year the following appeared on the course:

William Trufant Foster	Author and Lecturer (2 lectures)
Norman Hapgood	Journalist and Lecturer
Raymond Burt	Pianist
Seattle Symphony Orchestra	
Lorado Taft	Sculptor (2 lectures)
Louis Untermeyer	Poet (2 lectures)
Ted Shawn and His Men Dancers	
Ethan Colton	Author and Lecturer
Anna Louise Strong	Author and Lecturer

Upton Close	Author and Lecturer
Arthur C. Pillsbury	Naturalist and Scientist
Ewart E. Turner	Lecturer and Observer
Gail Martin	Music and Art Critic
Albert Rappaport	Tenor
Captain Orvil A. Anderson	Pilot of Stratosphere Balloon
Taos Indian Dancers	

Courses of Instruction

AGRONOMY

Professors Martin, Stewart, Morris; Associate Professor Sudweek; Assistant Professor Ivins; Mr. Fullmer.

Students interested in the range management phase of forestry are advised to take the following courses:

Agronomy 21-22-23-41-52-57-70-91-94-123-170. Botany 54-55-56-57-58-59-103-159. Animal Husbandry 4-5. Landscape Architecture 8-9.

Lower Division Courses

21. **General Crops.** Winter. M. W. F., 1:30. (Lab. T. Th. 2:30-4:30.) Five hours credit. Ivins.

This course will deal with the fundamental principles underlying the production of crops. Selection, grading, judging and methods of protection will be studied.

22. **Cereal Crops.** Autumn. T. Th., 10:30. Two hours credit. Fullmer.

Emphasis will be placed upon a review of the results obtained at the various experiment stations throughout the world relative to the production of cereal crops.

23. **Forage Crops.** Spring. T. Th., 10:30. (Lab. 2:30-4:30.) Two hours credit. Fullmer.

The Forage Crops, their history, cultivation and uses.

Upper Division Courses

52. **Soil Chemistry.** Winter. T. Th., 8:30. Two hours credit. Martin.

This course deals with the chemistry problem as applied to soils. A study is made of the chemical analyses of soils, soil alkali, soil acidity, the influence of organic matter, commercial fertilizers and certain rarer elements on the chemical characteristics and changes in the soils. Studies are also made on the role that these substances play in plant growth.

53. **Soil Chemical Analysis.** Winter. W. F., 1:30-4:30. Two hours credit. Martin.

A laboratory course designed to accompany the lecture course in Soil Chemistry. Complete quantitative analyses are made of soils, fertilizers, and organic matter. Written reports and discussions of the chemistry involved will be part of the work.

57. **Soil Geology.** Spring T. Th., 8:30. Three hours credit. Martin. (See Geology 57.) Laboratory M. 2:30-4:30.

Prerequisites: Geology 1, Agronomy 41. Physics 21 and General Chemistry. A review of the geological forces responsible for the formation of soils, a study of the influence that climate has had on the various soil horizons, also a study of land evaluation and classification.

59. **Plant Breeding.** Winter. M. W. F., 1:30. Three hours credit. Morris. (See Horticulture 59.)

60. **Farm Management.** Autumn. M. W. F., 9:30. Three hours credit. Ivins.

This course takes up the general consideration of farm management; types of farming, farm layout, farm capital, equipment, labor, tenancy, etc.

61. **Economics of Farm Organization.** Winter. M. W. F., 9:30. Three hours credit.

The application of economics and business principles to the organization and management of a farm; the farmer as a business proprietor, his selection and combination of factors of production and farm enterprises. (Not given this year.)

63. **Teaching of Agriculture.** Autumn. Three hours credit. Sudweeks. (See Secondary Education 63.)

70. Range and Forest Soils. One to four hours credit. Stewart and Martin. (Given by special arrangement.)

Nature and quality of soils as they occur on ranges and forests of the intermountain region. Advanced students admitted by application for thesis problem in field during spring, summer or autumn.

73. Range Management. Time and credit to be arranged. Stewart.

91. Western Land Problems. Spring. M. W. F. Three hours credit. Johnson. (See Agricultural Economics 91.) (Not given this year.)

92. Soil Microbiology. Autumn. T. Th., 8:30 and F., 1:30. Three hours credit. Martin.

Prerequisites: Bacteriology 21, and Agronomy 41, 52. A lecture course designed to acquaint the student with bacteria in relation to soil fertility.

93. Soil Microbiology. Autumn. W. F., 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany course 92. It will consist of a study of methods used in bacteriological investigation. Prerequisites: Bacteriology 22, and Chemistry 10.

94. History of Agriculture. Spring. M. W. F., 9:30. Three hours credit. Johnson. (See Agricultural Economics 93.)

96. Seminar. One credit hour. Autumn, Winter or Spring. Martin.

Current agronomic literature, agricultural problems. Assigned topics will be considered in the form of a round table discussion. Required of all seniors and graduate students majoring in agronomy.

97. Research. Seniors specializing in agronomy may elect research work from three to six hours. Time and credit to be arranged. Martin.

98. **Special Problems in Soils.** Winter or Spring. Credit and subject matter to be arranged. Martin.

99. **Agricultural Literature.** A study of agronomic literature. Special problems and written reports. Time and credit to be arranged. Martin.

Graduate Courses

120. **Agronomy.** Research in Biological Methods. (See Horticulture 120.)
123. **Advanced Range Management.** Time and credit to be arranged. Stewart.
157. **Soil Geology.** Spring. T. Th., 8:30. Three hours credit. Martin.
170. **Range and Forest Soils.** Four or five hours credit. Stewart.
191. **Western Land Problems.** Spring. Three hours credit. Johnson.
192. **Soil Microbiology.** Autumn. Th., 8:30 and F., 1:30. Three hours credit. Martin.
193. **Soil Microbiology Laboratory.** Autumn. W. F., 2:30-5:30. Two hours credit. Martin.
196. **Seminar.** Credit to be arranged.
197. **Research.** Time and credit to be arranged.
198. **Special Problems in Soils.** Time and credit to be arranged.
199. **Agricultural Literature.** Time and credit to be arranged.
200. **Thesis.** Credit to be arranged.

ANIMAL HUSBANDRY

Assistant Professor Ivins; Professor Martin; Dr. Cullimore

Lower Division Courses

1. **Elementary Stock Judging.** Autumn. M. W. F., 1:30-4:30. Three periods of three hours a week. Three hours credit. Ivins.

This course consists of a study of the market types and classes of live stock. Field trips will be made to farms of the county where practice in scoring and judging of animals will be done.

2. **History of Breeds.** Spring. Daily, 9:30. Five hours credit. Ivins.

All breeds of live stock will be studied. Emphasis will be directed to the condition under which the breeds were formed, the men who did the work, and the adaptability of the breed to western conditions.

4. **Beef Cattle Husbandry.** Winter. T. Th., 9:30. Two hours credit. Ivins.

This course is a consideration of the types and breeds, feeds, care and management of beef cattle for western conditions. The student will be made familiar with beef animals by frequent field trips.

5. **Sheep Husbandry.** Spring. T. Th., 10:30. Two hours credit. Ivins.

Types and breeds of sheep will be reviewed followed by study of the management, care and feeding of sheep, both on the range and on the farm.

6. **Swine Husbandry.** Winter. T. Th., 10:30. Two hours credit. Ivins.

Types, breeds and management of swine and their place on western farms. Emphasis will be put on their relation to dairy farming.

7. **Feeding of Farm Animals.** Spring. M. W. F., 10:30. Three hours credit. Ivins.

A study of the chemical composition of feeds, th needs of the animal body, the compounding of rations and methods of practice in feeding.

8. **General Poultry.** Winter. M. W. F., 9:30. Three hours credit. Ivins.

A study of breeds, judging, breeding, incubating, brooding, housing, feeding and marketing.

9. **Diseases of Farm Animals.** Autumn. M. W. F., 1:30. Three hours credit. Ivins. (Not given this year.)

A study of the anatomy of farm animals, of the common diseases of horses, cattle, sheep, hogs, and poultry; their causes, prevention, and treatment.

21. **Elements of Dairying.** Autumn. M. W. F., 8:30. Three hours credit. Ivins.

A general survey of dairying and its relation to Utah agriculture; the secretion, composition and properties of milk; the conditions that affect quantity and quality of milk; use of milk as human food.

Upper Division Courses

51. **Animal Breeding.** Autumn. M. W. F., 1:30. Three hours credit. Ivins.

Principles, practices, and methods involved in the breeding and development of domesticated animals. Mendelism in animals, transmission, heredity, value of pedigree, systems of breeding, etc. Prerequisite: Zoology 78, or Botany 80.

59. **Types and Breeds of Poultry.** Spring. T. Th., 1:30. Two hours credit. Ivins.

A study of the popular breeds of domestic fowls, their origin, classification, methods of mating and breeding. Designed especially for students planning to engage in Smith-Hughes and club work.

61. **Special Poultry Problems.** Autumn. T. Th., 10:30. Two hours credit. Prerequisite: Animal Husbandry 8. (Not given this year.)

Detailed study of problems of housing, brooding, feeding and culling. Study of latest developments in these fields, using current literature as basis of work.

65. **Animal Physiology.** Spring. M. W. F. Laboratory, T., 1:30-4:30. Five hours credit. Cullimore. (See Zoology 65.)

81. **Milk and Milk Products.** Winter. M. W. F., 10:30. Three hours credit. Ivins.

A course dealing with the properties, composition, and constituents of milk, the manufacture and marketing of milk products. Prerequisites: Animal Husbandry 21 and one year of bacteriology.

91. **Dairy Survey.** Winter. Time to be arranged. One hour a week. One hour credit. Ivins.

A study of current literature and experiments in dairy work. Each student will be expected to make reports on various subjects in this field which will be discussed by the class.

92. **Seminar.** Spring. Time to be arranged. One period a week. Ivins.

Current literature and problems in the field of Animal Husbandry will be studied and discussed. Required of all seniors who major in Animal Husbandry.

98. **Experimental Animal Nutrition.** Open to seniors and graduates only. Prerequisites: 5 hours in organic or bio-chemistry, and Animal Husbandry 7. This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged.

Graduate Course

110. **Research in Nutrition.** Time and credit to be arranged. Ivins.

Open to graduates only, major or minor. Designed for students in Animal Husbandry and Home Economics who desire to get acquainted with the problems of nutrition.

ART

Professors Eastmond, Larsen; Assistant Professors Jensen, Snell.

Students majoring in Art are required to take courses 1, 7, 8, 9, 11, 12, 13, 21, 38, 39 40, 52, 53. Those preparing to teach Art are required to take 54 and 55 additional.

Lower Division Courses

1. Art Appreciation. Autumn. M. W. F., 1:30. Two or three hours credit. Eastmond.

Foundational principles of art introduced as a means for the general appreciation of beauty in nature and in the creations of the artist. Illustrated orientation lectures related to historical art development.

7. Graphic Representation. Autumn. M. W. F., 2:30. Two hours credit. Larsen.

Object drawing in various media. Emphasis upon tone study in charcoal and upon mass media. Linear and circular perspective.

8. Graphic Representation. Winter. M. W. F., 2:30. Two hours credit. Larsen.

Emphasis upon drawing from still life, the cast, and the costumed model. Objective composition.

9. Graphic Representation. Spring. M. W. F., 2:30. Two hours credit. Larsen.

Study of perspective. Outdoor sketching in pencil and crayon media.

11, 12, 13. Water Color Painting. Autumn, Winter, Spring. T. Th., 3:30-5:30. Two hours credit each quarter. Eastmond.

Pictorial composition emphasized. Theory of color scheming. Standard methods of rendering introduced. Still life painting. Objective representation and landscape composition emphasized.

14, 15, 16. Commercial Art. Autumn, Winter, Spring. T. Th., 1:30. One or two hours credit each quarter. Jensen. (See Marketing 14, 15, 16.) Art 11, 12, and 13 recommended as parallel courses.

Show card writing, poster designing, advertising arrangement.

17, 18, 19. Process Illustration. Autumn, Winter, Spring. T. Th., 10:30. Two to four hours credit each quarter. Eastmond.

Methods of drawing and painting for illustration. Drawing for the various process methods of modern engraving. Correlative illustration. Color theory applied. Foundational objective representation emphasized.

21. Theory and Practice of Design. Autumn, Sec. 1, M. W. F., 1:30. Sec. 2, T. Th., 1:30: Sections are arranged to correlate with the lines of work taken up in Art 25, 26, 28, 29, etc. Two hours credit. Eastmond, Larsen.

Rhythm, balance, harmony, and other foundational principles. Color study. The principles of design and color theory that are fundamental to the other courses in this department.

25, 26. Applied Design. Winter and Spring. T. Th., 1:30. Studio hours to be arranged. Two hours credit. Eastmond.

The principles of creative design as applied to the textile arts and ceramics and various correlated crafts. Theory of color adapted to creative design. Motif application of motif drawing. Prerequisite: Art 21.

28. Home Planning. Winter. M. W. F., 1:30. Two hours credit. Larsen.

Art principles applied to house planning. Historic development of the house. Study of common types of American homes. Relation of house and garden. Study of line, form and color.

29. Interior Decoration. Spring, M. W. F., 1:30. Two hours credit. Larsen.

The study of the art principles as applied to the decoration and the furnishing of the home.

35, 36. Mechanic Arts Design. Winter, Spring. M. W. F., 1:30. Two hours credit each quarter.

Design principles applied to the work of mechanic arts. Prerequisite: Art 21.

38. Outdoor Sketching with Oil Colors. Autumn. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Study of landscape elements and landscape composition.

39. Still Life and Figure Painting with Oil Colors. Winter. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Painting of flowers, fruits, pottery, and other still life objects. Pictorial composition emphasized.

40. Outdoor Sketching with Oil Colors. Spring. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

41, 42, 43. Art for Elementary School Teachers. Autumn, Winter, Spring, M. W. F., 3:30. One to three hours credit each quarter. Jensen.

Simple drawing and painting with various media. Methods of teaching and integrating art with the other subjects will be stressed.

Upper Division Courses

52. Art History and Appreciation. Winter. M. W. F., 1:30. Three hours credit. Eastmond.

Prehistoric structure, sculpture, graphic art and decoration. Interpretation and classification of masterpieces of architecture, sculpture, graphic arts, ornament and painting to the end of the middle ages.

53. Art History and Appreciation. Spring. M. W. F., 1:30. Three hours credit. Eastmond.

Renaissance architecture, sculpture, graphic arts, ornament and painting. Emphasis upon schools of painting beginning with the Primitive Florentine down to those of the nineteenth century. Illustrated lectures.

54, 55, 56. **Methods of Teaching Art.** Autumn, Winter, Spring. M. W. F., 3:30. Two to four hours credit. Eastmond.

Course of study planning. Survey of art mediums, materials, and tools best adapted especially to the secondary school level. Application problems adapted to student's needs.

57, 58, 59. **Interpretative Drawing.** Autumn, Winter, Spring. M. W. F., 3:30. Two hours credit. Larsen.

Figure and nature compositions in various media. Head, life, and the costumed model emphasized.

61, 62, 63. **Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. Studio hours to be arranged. Two to four hours credit each quarter. Jensen.

Poster designing and lettering. Systems of lettering. Sign writing introduced. Historical alphabets. Prerequisites: Art 14, 15, 16, 17, 18 ,19.

64. **Water Color Painting.** Autumn. T. Th., 3:30 to 5:30. Two to four hours credit. Eastmond.

Objective landscape and still-life painting. Emphasis upon composition in line, mass and color. Theory of color scheming continued. Out-door sketching.

65. **Water Color Painting.** Winter. T. Th., 3:30 to 5:30. Two to four hours credit. Eastmond.

Illustrative and decorative landscape painting emphasized. Color theory applied.

66. **Water Color Painting.** Spring. T. Th., 3:30 to 5:30. Two to four hours credit. Eastmond.

Continuation of Art 65. Outdoor sketching. Individual expression emphasized.

67. Oil Painting. Autumn. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Emphasis upon landscape painting.

68. Oil Painting. Winter, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Painting from still life and the costumed model.

69. Oil Painting. Spring, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Outdoor sketching and landscape composition.

71, 72, 73. Decorative Painting and Applied Art. Autumn, Winter, Spring. T. Th., 2:30. Studio hours to be arranged. One to four hours credit each quarter.

Applied composition and color harmony adapted to interior decorative accessories. Mural painting introduced. Photographic coloring. Scenery painting. Creative designing applied to art crafting. Applied arts projecting emphasied. Prerequisite: Art 21, 25, 26. Art 28 and 29 recommended.

74, 75, 76. Advanced Process Ilustration. Autumn and Winter. T. Th., 10:30. One to four hours credit each quarter. Eastmond. Prerequisites: Art 7, 8, 9, 14, 15, 16.

Pictorial poster designing and painting. Book cover, book plate and various phases of line, tone and color engraving.

78, 79. Home Planning and Interior Decoration. Winter and Spring. M. W. F., 1:30. Two hours credit each quarter. Larsen.

84, 85, 86. Art Pageant Production. Autumn, Winter Spring. T. Th., 4:30. Two hours credit each quarter. Eastmond. Prerequisite, Art 21.

Principles of pageant composition. Symbolic representation. Study of tableau composition. Costume and property designing. Outdoor production emphasized.

91, 92, 93. Interior Decoration. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Larsen.

History of Interior Decoration. Emphasis on period furnishings. A practical study of the manufacture, design, installation and care of all mediums and materials used in interior decoration and home furnishings. Practical problems in interior decoration. Prerequisites: Art 21, 28, 29. (See Household Administration 52, 53, 54.)

Graduate Courses

151, 152, 153. **Nineteenth and Twentieth Century Art.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit. Larsen.

Appreciative interpretation of important works of art. Impressionism and modernist experiments in Europe and America. The development of American art. Brief survey of Utah art. Contemporary artists and their work.

154. **Advanced Normal Art Method.** Autumn, Winter or Spring. Time and credit to be arranged. Eastmond.

Pageantry as art expression emphasized. Tableau composition and color scheming. Costuming. Property designing and making.

157, 158, 159. **Interpretative Drawing and Painting.** Autumn, Winter, Spring. Two hours credit. Larsen.

Composition study in various media.

164, 165, 166. **Water Color Painting.** Autumn, Winter, Spring. Two to four hours credit each term. Eastmond.

Pictorial composition emphasized. Development of individual and temperamental expression.

167, 168, 169. **Pictorial Composition—Oil Painting.** Autumn, Winter, Spring. M. W. F., 3:30 to 5:30. Two to five hours credit. Larsen.

174, 175, 176. **Advanced Process Illustration and Art Etching.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each term. Eastmond.

184, 185, 186. Art Pageant Production. Autumn, Winter, Spring. T. Th., 4:30. Credit to be arranged. Eastmond.

Pageantry as art expression emphasized. Tableau composition and color scheming.

188, 189, 190. Oil Painting. Autumn, Winter, Spring. M. W. F., 3:30 to 5:30. Credit to be arranged. Eastmond.

200. Research. Autumn, Winter Spring. W., 3:30. Credit to be arranged.

BACTERIOLOGY

Professor Martin; Assistant Professor Bryner; Dr. Oaks.

21. General Bacteriology. Autumn or Winter. M. W. F. 9:30. Three hours credit. Martin.

The course will consist of a study of the general characteristics and activities of microorganisms and their relation to man.

22. General Bacteriology Laboratory. Autumn or Winter. Two hours credit. **Sec. 1. T. Th. Sec. 2 W. F.** 1:30-4:30. Martin.

Laboratory course in general bacteriology, designed to accompany Bacteriology 21.

Upper Division Courses

62. Dairy Bacteriology. Spring. Laboratory 1:30-4:30 T. Th., and one class period to be arranged. Three hours credit. Martin.

Attention is given to the bacteria of milk and dairy products in general, and their relation to disease. Prerequisites: Bacteriology 21 and 22, and Animal Husbandry 21.

71. Bacteriology of **Fermentation. Winter.** M. W. F., 8:30. Three hours credit. Bryner.

A study of the industrial applications of bacteria, including yeast, lactic, butyl isotonic, citric acid and other fermentations.

73. **Physiology of Bacteria.** Winter. M. W. F., 8:30. Bryner.

A study of the effect of environment on growth of bacteria.

81. **Pathogenic Bacteriology. Spring.** T. Th., 9:30; F., 2:30. Three hours credit. Martin. (Not given this year.)

An advanced course in bacteriology designed for those desiring information about human diseases and and who are preparing for the professions of nursing, public health, dietetics and medicine.

82. **Pathogenic Bacteriology Laboratory.** Spring T. Th., 2:30-5:30. Two hours credit. Martin. (Not given this year.)

Designed to accompany Bacteriology 81.

92. **Soil Microbiology.** Autumn. T. Th., 8:30 and F., 1:30. Three hours credit. Martin.

A lecture course designed to acquaint the student with microorganisms in relation to soil fertility. Prerequisites: Bacteriology 21 and Agronomy 41, 52.

93. **Soil Microbiology Laboratory.** Autumn W. F.. 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany Bacteriology 92. It will consist of a study of methods used in bacteriological investigation. Prerequisites: Bacteriology 21, 22, and Chemistry 10.

96. **Seminar.** One hour credit each quarter. Martin and Oaks.

98. **Special Problems in Bacteriology.** Credit, time, and subject matter to be arranged. Martin and Oaks.

Graduate Courses

181. **Pathogenic Bacteriology.**
182. **Pathogenic Bacteriology Laboratory.**
192. **Soil Microbiology.**
193. **Soil Microbiology Laboratory.**
196. **Seminar.**
198. **Special Problems.**
200. **Thesis.** Credit to be arranged.

BOTANY

Miss Snow. Professors Stewart, Morris.

Students majoring in Botany should present credit in Botany 1, 3, 50, 51, 52, 54, 57, 60, 75.

Lower Division Courses

1. **General Botany.** Autumn, Winter, Spring, T. Th., 9:30. Laboratory, Th. or F., 1:30 to 4:30. Three hours credit. Snow.
   Course dealing with the fundamentals of the structure, physiology, and reproduction of plants. Prerequisite course to further work in the field of plant life. Also recommended for the non-science student.

2. **General Botany.** Winter. T. Th., 10:30. Laboratory, T., 1:30 to 4:30. Three hours credit. Snow.
   An introduction to members of the plant kingdom exclusive of the seed-plants. The habitat, structure, and life-history of members of a representative series of algae, fungi, mosses, and ferns are considered.

3. **Flowers of the Wasatch.** Spring. M. W., 2:30-5:30. Three hours credit. Snow.
   The identification of early flowering plants of the Wasatch region, and training in the use of manuals along with some individual collecting work.

8. **Ornamental Woody Plant Materials.** Autumn. T. Th., 8:30. Two hours credit. Morris. (See Horticulture 8.) (Not given this year.)

9. **Ornamental Woody Plant Materials.** Spring. T. Th., 8:30. (Lab. 2:30-5:30.) Three hours credit. Morris (See Horticulture 9.) (Not given this year.)

Upper Division Courses

50. **Algae.** Autumn. T. Th., 8:30. Two lectures and one

three-hour laboratory period a week. Three hours credit. Snow.

A study of the morphology, life histories, classification and relation of the main groups of algae. Prerequisite: Botany 1.

51. **Fungi.** Autumn. T. Th., 8:30. Two lectures and one three-hour laboratory period a week. Three hours credit.

A study of the development, morphology, and relationships of representative fungi. Prerequisite: Botany 1. (Not given this year.)

52. **Liverworts, Mosses and Ferns.** Winter. T. Th., 8:30. Two lectures and one three-hour laboratory period a week. Three hours credit. Snow.

A study of the morphology, life histories and relationships of the liverworts, mosses and ferns. Prerequisite: Botany 1.

54. **Seed Plants.** Spring. T. Th., 8:30.. Two lectures and one three-hour laboratory period a week. Three hours credit. Snow.

A study of the morphology, life histories, classification and relationship of the higher plants. Prerequisites: Botany 1.

57. **Plant Ecology.** Autumn. T. Th., 10:30, also one field trip or laboratory period a week. Three hours credit. Snow.

The plant in relation to its environment and its adaptation to the factors of soil and climate; plant communities and succession of various types of vegetation. Prerequisite: Botany 1.

58. **Geographic Ecology.** Winter. M. W. F., 10:30. Three hours credit.

A course devoted to a survey of the various floristic regions of the earth, with emphasis on North American problems. The course should be of special interest to students who expect to travel.
(Not given this year.)

59. **Range and Forest Ecology.** Autumn, Spring or Summer. One to four hours credit. Stewart and Martin.

Distribution of desert, mountain, and forest plants as influenced by the climatic and soil environment. Advanced students may be admitted by application for thesis problem in field.

60. **Plant Physiology.** Winter. M. W., 9:30; Laboratory, M. W., 1:30 to 4:30. Four hours credit. Snow.

A lecture and laboratory course in physiology of plants, covering such topics as absorption, transpiration, synthesis of carbohydrates and proteins, etc. Prerequisites, Botany 1 and Chemistry 1 and 4.

65. **Plant Histology.** Spring. Time to be arranged. Three hours credit. Snow.

This is primarily a laboratory course in the technique of preparing, staining and mounting of sections for microscopical examination. Prerequisite: Botany 1.

69. **Methods of Teaching Biology.** Autumn or Winter. Two hours credit. Hayward. (See Zoology 69)

70. **Diseases of Cultivated Plants.** Autumn. M. W. F., 10:30; Laboratory M., 1:30 to 4:30. Four hours credit. Morris.

This course deals with the important diseases of local plants, their identification, cause and treatment. Prerequisite: Botany 1, 51.

75. **Seminar.** Autumn. Winter. M., 4:30. One hour credit for each quarter. Snow. (Required of all majors and minors in their junior and senior years.)

85. **Special Problems In Botany.** Credit, one to five hours. Time to be arranged. Snow.

92. **Soil Microbiology.** (See Agronomy 92.)

93. **Soil Microbiology.** (See Agronomy 93.)

Graduate Courses

103. Field Ecology. Time and credit to be arranged.

Field work in plant ecology done in connection with the regular biological expeditions sent out by the University. The full time of the student will be required during the period of field work.

153. Advanced Special Morphology. Time and credit to be arranged. Snow.

Critical studies in the morphology of special groups.

159. Range and Forest Ecology.
160. Plant Physiology.
170. Diseases of Cultivated Plants.
175. Seminar.
185. Special Problems in Botany.
192. Soil Microbiology.
193. Soil Microbiology.
200. Research.

CHEMISTRY

Professor Maw; Associate Professor Nicholes; Assistant Professors Bryner and Peterson; Mr. Wing

Students majoring in Chemistry must present credit in Chemistry 4, 5, 6, 10, 11, 71, 72, 73, 81, and Seminar. It is advised that the fundamental courses in Mathematics, Physics, German, and French be taken as early as possible.

Suggestive sequence for Chemistry majors: 4, 5, and 6 the Freshman year; 10, 11, 12 or 62, and 51, 52, 53, the Sophomore year; 71, 72, 73, the Junior year, and 81, 82, 83, and Seminar, the Senior year.

Lower Division Courses

1. **A Survey Course in Chemistry.** Autumn, Winter or Spring. Daily, 10:30. Four lectures and demonstration periods and one quiz period. Four hours credit. Bryner.

This course is an introductory survey of Chemistry intended for students who desire a knowledge of the subject for its cultural and informational value.

2, 3. **General Chemistry.** Autumn, Winter, daily. Sec. 1, 9:30. Sec. 2, 1:30. Three lectures, one quiz period, one demonstration period. Two laboratory periods. (Lab., Sec. 1, M. W., and Sec. 2, T. Th., 3:30-5:30.) Five hours credit each term. Peterson.

A course in fundamental principles and descriptive chemistry, designed to meet the chemistry requirements of various professions. May not be counted toward a chemistry major unless the student has a superior rating.

4, 5. **Principles of Chemistry.** Autumn, Winter, daily. (Winter and Spring repeated.) Three lectures, one demonstration period, one quiz period, 8:30. Two laboratory periods. (Lab. Sections: T. Th., 9:30-11:30; M. W., 12:30-2:30, or 1:30-3:30.) (Also T. Th., 12:30-2:30 or 1:30-3:30.) Five hours credit each term. Prerequisite: high school chemistry. Nicholes.

A course in fundamental chemical principles and theory. More advanced than Chemistry 2 and 3.

6. Principles of Chemistry and Qualitative Analysis. Autumn and Spring. Daily. Recitations: T. Th., 7:30. Lab., each morning until 11:30. Five hours credit. Wing.

The principles of chemistry and the theory and practice of inorganic qualitative analysis. The Qualitative processes are inductively developed in the laboratory. Prerequisites: Chemistry 4 and 5.

9. Elementary Organic Chemistry. Autumn and Spring. Daily, 9:30. Three lectures, one quiz period, one demonstration period, and two laboratory periods. (Lab., M. W. and T Th., 3:30-5:30.) Five hours credit. Nicholes or Peterson.

A brief course in Organic Chemistry intended for those interested especially in the fields of Home Economics and Agriculture. Emphasis is placed on those phases of Organic Chemistry that lay the foundation for Foods and Nutrition.

10, 11, 12. Elementary Quantitative Analysis. Autumn, Winter, Spring. One lecture: M., 2:30; Two laboratory periods: M., 3:30-5:30; W., 2:30-5:30. One quiz period: F., 2:30. Three hours credit each quarter. Maw and Wing.

The technique of gravimetric, volumetric, and electrolytic processes of quantitative determinations. The principles and theoretical background are discussed. Prerequisites: Chemistry 4, 5,6, and College Algebra.

Upper Division Courses

51, 52, 53. Inorganic Chemistry. Autumn, Winter, Spring. T. Th., 10:30. Two lectures. Two hours credit each quarter. Nicholes or Petersen.

This course emphasize fundamental Inorganic Chemistry, the preparation, classification, and reactions of important inorganic compounds.

57. **Laboratory Glassblowing.** Autumn, Winter, Spring. Two one-and-one-half hour laboratory periods. Time to be arranged. One hour credit. Bryner.

Exercises with the table blast lamp selected to include operations fundamental to the making of laboratory glassware. Methods of cutting tubing. Demonstrations with Pyrex.

62. **Quantitative Analysis.** Autumn, Winter, Spring. Lecture: M., 2:30. Two three-hour laboratory periods. Two to four hours credit. Maw and Wing.

Continuation of Chemistry 10, 11. Lectures and student reports on special topics bearing on chemical principles involved.

63. **Advanced Quantitative Analysis.** Autumn, Winter, Spring. Time to be arranged. Two to ten hours credit according to work done. Maw and Wing.

Complete analysis of typical minerals will be carried out. Written reports.

64. **Advanced Qualitative Analysis.** Spring. One recitation. Six hours laboratory work. Time to be arranged. Three hours credit.

Some of the rare elements are included in the laboratory exercises. Prerequisites: Acceptable courses in Qualitative and Quantitave Analysis, or permission of the instructor of class.

68. **Agricultural Chemical Analysis.** Time to be arranged. Two to four hours credit. Maw and Wing.

This course deals with the analysis of agricultural products with special reference to the analyzing of feeds, soils, fertilizers, insecticides. The work will be adapted to the special interest of the student.

71, 72, 73. **Organic Chemistry.** Autumn, Winter, Spring. Daily, 10:30. Two laboratory periods. W. F., 2:30-4:30. Five hours credit each term. Maw and ....

Introduction to the study of carbon compounds. Laboratory experience in the syntheses and reactions of the different classes of organic compounds discussed in the lectures. The Autumn quarter deals with Aliphatic compounds. The Winter quarter with Aliphatic and Aromatic compounds. The chemical principles already learned in Inorganic Chemistry are applied to the study of the carbon compounds. The course deals with compounds that are important from the theoretical, technical, and biological standpoints. The Spring quarter completes the discussion of the Aromatic compounds and reviews the whole field in the form of qualitative tests and analysis of Organic compounds and mixtures.

81, 82, 83. Physical Chemistry. Autumn, Winter. Lectures: M. W., 2:30. One three-hour laboratory period. T. or Th., Spring. Lectures: M. W., 2:30. Two three-hour laboratory periods. T. or Th., 1:30-4:30. Four hours credit each term. Bryner.

This course deals with properties of gases, liquids, solids, solutions, thermochemistry, reaction velocity, electrochemistry, equilibrium, and colloids. Prerequisites: Physics, 43, Calculus, and Chemistry 11.

90. Biological Chemistry. Autumn. M. W. F., 9:30. Laboratory, T. Th., 3:30-5:30. Five hours credit. Nicholes.

A course designed to meet the requirements of students majoring in Foods and Nutrition.

91, 191. Biochemistry. Winter. Lectures and Recitations: M. W. F., 9:30. Three two-hour laboratory periods. M. W. F., 3:30-5:30. Five hours credit. Nicholes.

A study of the constitution and reactions of proteins, fats, carbohydrates, and allied compounds of biological significance It deals also with enzyme action, digestion, absorption, metabolism, and excretion.

92, 192. Biochemistry. Spring. Lectures and Recitations: M. W. F., 9:30. Three two-hour laboratory periods: T. Th.. 3:30-5:30. Five credit hours. Nicholes.

A continuation of Chemistry 91, 191.

93, 193. **Biochemical Methods.** Time to be arranged. Two to six hours credit. Quantitative methods of blood, urine, and gastric analysis. Maw.

97, 98, 99. Seminar. Autumn, Winter, Spring. Monday, 4:30. One hour credit. Open to advanced undergraduates and required of senior and graduate majors. Staff.

Graduate Courses

106. Studies in the History of Chemistry. Spring. Two hours credit. Maw.

110. Industrial Chemistry. Spring. Two lectures. Time to be arranged. Two hours credit. Peterson.

Studies of some principal chemical industries. Plant inspection, trips, and reports. Prerequisites: Chemistry 10, 11, 12, 71.

151. Advanced Inorganic Chemistry. Autumn. Lectures: M. W. F., 8:30. Three hours credit. Bryner.

A systemic study of the periodic classification of the elements, oxides, acids, bases, chlorides, sulphides, carbides, silicides, borides, intermetallic compounds phase rule, and Werner's Theory of Complex Compounds.

152. Inorganic Preparations. Winter. Lecture: T., 9:30. Two laboratories: T. Th., 1:30. Three hours credit. Bryner.

The preparation and purification of illustrative types of the more important classes of inorganic compounds.

153. Colloid Chemistry. Spring. Lecture: T., 9:30. Two laboratores. T. Th., 1:30. Three hours credit. Bryner.

A systematic survey of the properties of colloidal systems.

163. Advanced Quantative Analysis. Autumn, Winter, or Spring. Time to be arranged. Two to ten hours credit according to work done. Maw.

Complete analysis of typical minerals will be carried out. Written reports.

166. Special Methods:

- a. **Water Analysis.** Two hours credit. Time to be arranged. Methods of sanitary and industrial water analysis, and interpretation of analytical results. Prerequisites: Acceptable courses of Quantitative Analysis.
- b. **Electrolytic Analysis.** Lectures and laboratory. Two hours credit. Time to be arranged.

  Practice in the determination of various metals is carried out electrolytically. Deals with theoretical and applied electrochemistry.
- c. **Assaying.** Lectures and laboratory practice. Two hours credit. Time to be arranged.

  Assays of gold, silver, copper, and lead are made.
- d. **Iron and steel Analysis.** Two hours credit. Time be arranged.
- e. **Fuel and Gas Analysis.** Two hours credit. Time to be arranged. The anlysis of natural, artificial, and flue gases, and the analysis and calorimetry of coal.
- f. **Toxicology.** Time to be arranged. Two hours credit. Theory and practice of the detection and estimation of toxic substances. Includes, alkaloids. Toxic gases, and inorganic poisons.

167. Micro-Chemical Analysis. Winter. Time to be arranged. Three hours credit.

Training in the essential manipulative technique for qualitative and quantitative determinations by micro-chemical methods.

174. Qualitative Organic Analysis. Autumn. One lecture. Two three-hour laboratory periods. Time to be arranged. Three hours credit. Maw.

Problems and assigned readings. Practice in identifying pure organic compounds and simple mixtures by analysis, physical properties and the preparation of derivatives.

175. Quantitative Organic Analysis. Spring. Two three-hour laboratory periods. One lecture. Time to be arranged. Three hours credit. Bryner.

Quantitative analysis of organic compounds. Combustion methods.

176. Organic Preparations. Spring. One lecture. Two three-hour laboratory periods. Time to be arranged. Three hours credit. Maw.

177. Theoretical Organic Chemistry. Spring. Two lectures. Time to be arranged. Two hours credit.

This course deals with fundamental theories of Organic Chemistry.

181, 182, 183. Advanced Physical Chemistry. Autumn, Winter, Spring. Lectures: T. Th., 11:30. Two hours credit each quarter. Bryner.

The more important phases of Physical Chemistry from the standpoint of thermodynamics. Autumn quarter includes gases, solutions, and solids. Winter: thermochemistry and phase rule. Spring: free energy and electrochemistry. Prerequisites: 81, 82, 83.

192. Biochemistry. For detailed description see 91, 92.

196. Zymo-Chemistry. Winter. Lectures: M. W. F., 8:30. Three hours credit. Bryner.

Chemistry of fermentations with special reference to the production of chemicals and industrial materials from agricultural products. Prerequisites: Chemistry 71 and Bacteriology 21.

197. Research. Special problems. Time and credit to be arranged. Staff.

200. Thesis. Time and credit to be arranged.

COMMERCE

ACCOUNTING AND BUSINESS ADMINISTRATION

Professors Clark, Poulson, Eyring, Johnson; Associate Professor Boyle; Mr. Smith, Mr. Kimball.

Students majoring in this department are required to take courses 2, 51, 56, and 74.

Lower Division Courses

1. Elementry Accounting. Autumn and Winter. Daily. Autumn, Sec. I, 10:30, Sec. II, 2:30; Winter, 10:30; Daily laboratory for all. Sections 1:30 and 3:30, one hour of which is required each day. Five hours credit. Johnson and Kimball.

An introduction to college accounting. The aim of this course is two-fold: first, a preparation for those who plan to enter a business at once, and second, as a foundation course for advanced work in accounting.

2. Elementary Accounting. Winter and Spring. Daily. Winter, Sec. I, 10:30, Sec. II, 2:30; Spring 10:30. Daily laboratory for all sections 1:30 and 3:30, one hour of which is required each day. Five hours credit. Johnson and Kimball. Continuation of Course 1.

Upper Division Courses

50, 51, 52. Intermediate Accounting. Autumn, Winter, Spring. M. T. W. Th., 10:30. Four hours credit each quarter. Clark.

Primarily corporation accounting with special emphasis on problems of depreciation, bases of revaluation, inventorying, etc. Open to students who have had Accounting 2, or the equivalent.

54. Credits and Collections. Winter M. W. F., 2:30. Three hours credit. Boyle.

Principles covering the granting of credit, the control of the credit line, when and how collections are made, establishment of retail credit bureaus, contracts, installment selling plans. (Not given this year.)

55. **Principles of Risk-Bearing.** Autumn. M. W. F., 2:30. Three credit hours. Boyle. (See Economics 55.)

56. **Mathematical Theory of Investment.** Spring. M. W. F., 2:30. Three hours credit. Eyring. (See Mathematics 35.)

62. **Industrial Management.** Winter. M. W. F., 10:30. Three hours credit. Smith.

The organization of business for the most effective control of industrial processes will be stressed. Prerequisite, Economics 61.

63. **Personnel Administration.** Spring. M. W. F., 10:30. Three hours credit. Boyle.

Development of a scientific adjustment on the part of the individual to his environment. This course meets the requirements of the Utah State Board of Education for junior and senior high school teachers.

64. **Psychology Applied in Business.** Spring. M. W. Th. F., 8:30. Four credit hours. Poulson. (See Psychology 64.)

65. **Experiments in Business Psychology.** Winter. Lecture W. 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson. (See Psychology 65.)

67. **Real Estate Procedure.** Autumn, Spring. M. W. F., 3:30. Three hours credit. Boyle.

A course which deals with the real estate problem, urban land valuation, real estate merchandising and selling, the problem of the separation of land and building valuation for rental purposes. (Not given this year.)

68. **Business Management.** Spring. M. W. F., 1:30. Three hours credit. Boyle.

The business cycle and its relation to policies and principles of business management. Senior standing is a prerequisite in order to draw upon the entire college background of business training.

74. **Principles of Statistics.** Autumn and Winter. M. W. F. Autumn 1:30; Winter 2:30. Three hours credit each quarter. Boyle.

Introduction to statistics This course required of all majors in Economics, Finance and Banking, Accounting and Business Administration, and Marketing.

75. **Business Statistics.** Winter and Spring. M. W. F. Winter, 1:30; Spring, 2:30. Three hours credit each quarter. Boyle. Prerequisite: Elementary statistics.

Fundamental methods of statistics in business and economic applications. Estimating future business; economic forecasting; fluctuations of business.

91. **Cost Accounting.** Autumn. M. T. W. F., 8:30. Four hours credit. Boyle. Prerequisites: Courses 50, 51 and 52.

Introduction to methods and principles of cost finding. Specialized methods of handling materials, costs, labor costs and overhead expense.

92. **Advanced Cost Accounting.** Winter. M. T. W. F., 8:30. Four hours credit. Boyle. Prerequisite: Accounting and Business Administration 91

Industrial accounting. Practical work in cost determination. Analysis of uniform cost accounting systems of modern industries.

93. **Income Tax Procedure.** Spring. M. T. W. F., 8:30. Four hours credit. Boyle. Prerequisites: Accounting 50, 51, and 52.

Federal and State income tax regulations and procedure. This course is designed to qualify the student for practical income tax work.

94. **Auditing Theory.** Autumn. M. W. F., 9:30. Three hours credit. Boyle. Prerequisites: Courses 50, 51, and 52.

Principles and methods of public accounting work. Rules of professional responsibility and conduct. Advanced interpretation of accounts and financial statements.

95. **Auditing Practice.** Winter. M. W. F., 9:30. Three hours credit. Boyle. Prerequisite: Course 94.

Practical work in auditing. Technique of verification of accounts and financial statements Audit working papers.

96. **Advanced Accounting Problems.** Spring. M. T. W. F., 9:30. Four hours credit. Boyle. Prerequisites: Accounting and Business Administration 50, 51, 52.

C. P. A. and American Institute of Accountants' problems. Courses recommended as preparation: Accounting and Business Administration 50, 51, 52, 92, 93, and 94; Finance and Banking 43, 44, 51 and 52.

Graduate Courses

101. **Cost Accounting.** (See Accounting and Business Administration 91.)

102. **Advanced Cost Accounting.** (See Accounting and Business Administration 92.)

103. **Income Tax Procedure.** (See Accounting and Business Administration 93.)

104. **Auditing Theory.** (See Accounting and Business Administration 94.)

105. **Auditing Practice.** (See Accounting and Business Administration 95.)

106. **Advanced Accounting Problems.** (See Accounting and Business Administration 96.)

111-112-113. **Research in Accounting.** Hours and credit to be arranged with instructor.

114-115-116. **Research in Statistics.** Hours and credit to be arranged with instructor.

181-182-183. **Seminar in Business Psychology.** One to three hours credit. (See Psychology, 181-182-183.)

FINANCE AND BANKING

Professors Clark, Jensen, Miller, Lambert.

Lower Division Courses

4. **Economic and Financial History of the United States.** Autumn and Spring. M. W. F., 1:30. Three hours credit. Miller.

The economic development of the United States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization.

43. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 43.)

44. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 44.)

45. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 45.)

Upper Division Courses

51, 52. **Business Finance.** Autumn, Winter. M. T. W. Th., 9:30 Four hours credit each quarter. Clark. Prerequisites: Economics 1 and 2.

Financial problems connected with the organization of corporations, underwriting and the sale of securities, management, expansion, and the reorganization of those that are not successful.

53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. Prerequisites: Economics 1 and 2.

A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States. (Not given this year.)

54. **Investments.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. Prerequisite: Finance and Banking 51.

A study of the various forms and methods of investment.

67. **Public Finance and Taxation.** Winter. M. W. F., 10:30. Three hours credit. Miller. (See Economics 67.)

The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration.

Graduate Course

101. Research in Business Finance. Winter, Spring. Two to five hours credit. Clark.

111. Public School Finance. Winter. Daily, 9:30. Five hours credit. Lambert.

The theory and practice of financing public education in the United States. The stress is placed upon revenue and distribution systems. A course in taxation should precede or parallel this course.

MARKETING

Professors Johnson, Elliott, Miller; Associate Professor Boyle; Assistant Professor Edgar Jensen; Mr. Coffman.

Students majoring in this department are required to take Marketing 85 and Accounting 74. Psychology 64 and Economics 94 suggested.

Lower Division Courses

14, 15, 16. Commercial Art. Autumn, Winter, or Spring. T. Th., 1:30. One or two hours credit each quarter. Jensen. (See Art. 14, 15, 16.)

30. Geography of Economic Products. Winter. Daily, 1:30. Three hours credit. Coffman. (See Geography 6.)

32. Marketing Fruits and Vegetables. Spring, M. W. F.. 8:30. Three hours credit. Shaw. (See Horticulture 32.) (Not given this year.)

37. Agricultural Marketing. Winter. M. W. F., 9:30. Three hours credit. Johnson.

An analysis of the problems of cooperative marketing of agricultural products, from the standpoints respectively of farmers, middlemen, and consumers.

Upper Division Courses

54. Credits and Collections. Spring. M. W. F., 2:30. Three hours credit. Boyle. (See Accounting and Business Administration 54.) (Not given this year.)

56. Transportation Problems. Spring M. T. W., Th., 9:30. Four hours credit. Miller. (See Economics 56.)

57. Principles of Marketing. Autumn. M. W. F., 8:30. Three hours credit. Johnson. Prerequisites: Economics 1 and 2.

58. Principles of Merchandising. Winter. Daily, 8:30. Five hours credit. Johnson. Prerequisites: Marketing 57, and Accounting 1. Psychology 64 recommended.

A study of principles and processes involved in marketing through existing retail outlets. Principles of salesmanship are included.

59. Advertising. Spring. Daily, 8:30. (Three hours laboratory each week, time to be arranged.) Five hours credit. Johnson. Marketing 14, 15, and 16 recommended. Prerequisite: Marketing 57. Psychology 64 recommended.

The part advertising plays in business. Principles of advertising, including layout, media, campaigns, etc.

62. Textiles. Spring. T. Th., 10:30. Three hours credit each quarter. Elliott. (See Clothing and Textiles 62.)

81, 82, 83. Commercial Art. Autumn, Winter, and Spring. T. Th.. 1:30. Two hours credit each quarter. Jensen. (See Art 61, 62, 63.)

85. Seminar in Marketing. Spring. M. W. F., 2:30. Three hours credit. Johnson. (Open only to students who have had Marketing 58 and Accounting 74.)

A seminar in current problems in marketing. Students are required to develop at least one major study of a marketing problem.

Graduate Courses

137. Research in Agricultural Marketing. Winter. M. W. F., 9:30. Three hours credit. Johnson.

156. Research in Transportation. Winter. M. T. W. Th., 9:30. Four hours credit. Miller.

157. Research in Marketing. Autumn. M. W. F., 8:30. Three hours credit. Johnson.

158, 159. Research in Merchandising and Advertising. Winter, Spring. Daily, 8:30. Five hours credit. Johnson.

185. Seminar in Marketing. Spring. M. W. F., 10:30. Three hours credit. Johnson.

200. Thesis.

OFFICE PRACTICE

Professor Holt; Mrs. Lloyd, Mrs. Swenson, Miss Christensen.

Lower Division Courses

11, 12, 13. Shorthand. Autumn, Winter, Spring. Daily, Sec. 1, and Sec. 2, 8:30; Sec. 3, 10:30. Four hours credit each quarter. Swensen and Christensen.

Theory of writing shorthand according to the Gregg system. Prerequisite for 12 and 13, one quarter of typewriting.

14, 15, 16. Advanced Shorthand, Dictation and Transcription. Autumn, Winter, Spring. Daily, Sec. 1, 9:30; Sec. 2, 1:30. Three hours credit each quarter. Swensen and Christensen.

Thorough review and drill of Gregg theory, brief forms, derivatives, and phrases. Development of speed and accuracy in writing and transcribing various types of dictation. Mechanics of letter-writing. Prerequisite: Shorthand 11, 12, 13 or equivalent.

17. Stenography. Winter or Spring. Daily 10:30. Four credit hours. Swensen.

Rapid dictation and transcription of general business letters, and legal instruments. Prerequisite:

Shorthand 11 to 16 inclusive or equivalent or 100-word Gregg certificate or equivalent.

21, 22, 23, 24. **Typewriting.** Autumn, Winter, Spring. Six hours a week. Two hours credit each quarter. See instructor for time. Lloyd.

Touch typewriting, according to standard methods.

31. **Business English.** Autumn, Winter, or Spring. M. W. F., 9:30. Three hours credit. Holt.

The substance and style of business English; clearness in sentences; correctness of diction; force in sentence structure, and diction. Business forms and usages.

ECONOMICS

Professors Miller, Johnson, Lambert; Associate Professor Boyle; Mr. Smith.

The following courses are required for a major in Economics: Economics 1, 2, 14, 74, 94.

Lower Division Courses

1. **Economics—Introduction and Principles.** Autumn, Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Sec. 4, 2:30. Winter, two sections, 9:30, 1:30; Spring, one section, 8:30. Daily. Five hours credit each quarter. Miller, Smith.

A general survey of industrial society; its structure, its institutions and operation. An historical background of the rise of modern capitalistic industry.

2. **Economics — Contemporary Economic Problems.** Winter, Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Spring, Sec. 1, 8:30; Sec. 2, 9:30. Daily. Five hours credit each quarter. Miller, Smith, Boyle. Prerequisite: Course 1.

A more advanced study of the underlying principles of economics. Includes an intensive study of several contemporary economics problems.

14. **Economic and Financial History of the United States.** Autumn. M. W. F., 1:30; Spring. M. W. F., 1:30. Three hours credit. Miller.

Economic development of the United States from colonial times to the present, with emphasis upon economic integration and industrial organization since the Civil War.

Upper Division Courses

53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. (See Accounting and Business Administration 53.) (Not given this year.)

55. **Principles of Risk-Bearing.** Autumn. M. W. F., 2:30. Three hours credit. Boyle. Prerequisites: Economics

1 and 2. (See Acct. and Bus. Adm. 55.)

Life, health, accident, fire, property and liability insurance, and principles of risk-bearing as they apply to each classification of the insurance field.

56. **Transportation Problems.** Spring. M. T. W. Th., 9:30. Four hours credit. Miller.

This course deals with the growth and development of railway transportation and the development of public regulation and railway legislation in the United States.

60. **Social Legislation.** Autumn. M. W. F., 8:30. Three hours credit. Miller.

The state in relation to labor and social conditions. An intensive study of the legal and economic aspects of modern social programs and reforms. Foreign experiments in the field will also be studied.

61. **Labor Problems.** Autumn. M. W. F., 10:30. Three hours credit. Boyle.

This course deals with the wage system, domestic industry, the factory system, the rise and growth of labor organizations. Special problems in industrial and company unions will be stressed.

67. **Public Finance and Taxation.** Winter. M. W. F., 10:30. Three hours credit. Miller. (See Finance and Banking 67.)

74. **Principles of Statistics.** Autumn and Winter. M. W F. Autumn, 2:30; Winter, 2:30. Three hours credit each quarter. Boyle.

Introduction to statistics. This course required of all majors in Economics, Finance and Banking, Accounting and Business Administration.

75. **International Economic Policies.** Winter. M. W. F., 2:30. Three hours credit. Miller.

A survey with particular reference to the United States, of the international aspects of the economic policies and activities of governments.

94. **Advanced Economics.** Autumn and Winter. Daily, 8:30. Five hours credit. Prerequisites: Economics 1, 2. Lambert.

Advanced course in economic theory with stress upon production principles and price theory.

95. Advanced Economics. Spring. Daily, 8:30. Five hours credit. Prerequisite: Economics 94. Lambert.

Continuation of Economics 94, with stress upon price theory and principles of distribution.

99. History of Economic Thought. Spring, daily, 2:30. Five hours credit. Miller.

The development and trend of economic thought from early times to the present. A brief survey up to about 1750, but chief emphasis will be given to Smith,

Graduate Courses

160. Social Legislation. Autumn. M. W. F., 8:30. Three hours credit. Miller.

161. Labor Problems. Winter. M. W. F.,10:30. Three hours credit. Boyle.

167. Public Finance. Winter. M. W. F., 10:30. Three hours credit. Miller.

175. International Economic Problems and Policies. Winter. M. W. F., 2:30. Three hours credit. Miller.

194. Advanced Economics. Autumn and Winter. Daily, 8:30. Five hours credit. Prerequisites: Economics 1, 2. Lambert.

Advanced course in economic theory with application to present day economic problems.

197. Research. Time and credit to be arranged. Staff.

199. History of Economic Thought. Spring. Daily, 2:30. Five hours credit. Miller.

200. Thesis.

AGRICULTURAL ECONOMICS

The following courses are required for a major in Agricultural Economics: Economics 1, 2, 74, 94; Agricultural Economics 30, 37, 61, 81, 82, 91, 92 and 93.

Lower Division Courses

30. Principles of Agricultural Economics. Autumn. M. W. F., 9:30. Three hours credit. Johnson. Prerequisite: Economics 1.

32. Marketing Fruits and Vegetables. Spring. M. W. F., 8:30. Three hours credit. Shaw. (See Horticulture 32.)

37. Agricultural Marketing. Autumn. M. W. F., 10:30. Three hours credit. Johnson. (See Marketing 37.)

Upper Division Courses

57. Principles of Marketing. Autumn. M. W. F., 8:30. Three hours credit. Johnson. (See Marketing 57.)

60. Farm Management. Autumn. M. W. F., 9:30. Three hours credit. Ivins. (See Agronomy 60.)

61. Economics of Farm Organization. Winter. M. W. F., 9:30. Three hours credit. Shaw. (See Agronomy 61.) (Not given this year.)

81. Land Economics. Spring. M. W. F. Three hours credit. Johnson.

Principles relating to the utilization, tenure, and conservation of land resources. Prerequisite: Agricultural Economics 30.

82. Agricultural Finance. Autumn. M. W. F., 2:30. Three hours credit. Johnson.

A study of agricultural credit, with special reference to existing financial organizations and their relation to agriculture. Prerequisite: Agricultural Economics 30. (Not given this year.)

91. Western Land Problems. Spring. M. W. F., 10:30. Three hours credit. Johnson.

A survey of the outstanding land problems of the Western States, particularly those of the Rocky Mountain division. Special Class reports by students will be required. (Not given this year.)

92. American Agricultural Reform. Spring. M. W. F., 2:30. Three hours credit. Johnson.

A review of the agrarian movements for economic and social reform in America. Subordinate treatment is given to recent and current programs for farm relief.

93. Economic History of Agriculture. Spring. M. W. F., 9:30. Three hours credit. Johnson. (See Agronomy 94.)

The development of agriculture from its beginnings in the Old World to the present time. Historical background of contemporary agricultural problems.

Graduate Courses

181. Land Economics. Spring. M. W. F., 1:30. Three hours credit. Johnson.

182. Agricultural Finance. Autumn. Three hours credit. Johnson.

191. Western Land Problems. Spring. Three hours credit. Johnson.

192. American Agricultural Reform. Spring. M. W. F., 2:30. Three hours credit. Johnson.

200. Thesis.

EDUCATION

Professors A. N. Merrill, Woodward, Poulson, Lambert, Boyle, Peterson; Associate Professor Sudweeks; Assistant Professors Dusenberry, Brown, E. M. Jensen, Law; and Training School Faculties

With the approval of the major professor, credit in courses in any of the education departments may be offered to fill major requirements. Education 1 is an orientation course and is a prerequisite to the advanced courses, and Education 5 is required of those qualifying for elementary teaching.

Lower Division Courses

1. **Orientation in Education.** Autumn, Winter, Spring.

M. T. W. Th., 9:30. Four hours credit each quarter. Woodward. (See Sociology 1.)

This course is a prerequisite to all other educational courses, and should be taken in the Freshman or Sophomore year. The course aims to reveal the nature of a rich and beautiful life; to determine certain fundamental guide posts; to acquaint the students with the spirit and extent of the great American school system, and the part it should play in building ideal American citizens and the opportunities it affords for a life of service.

2. **Social Education.** Autumn. T. Th., 9:30. Two hours credit. Boyle.

An introduction to the principles of educational sociology. A study of education in its sociological aspects. Application of objectives of education. Analysis of culture, morality, health, domestic efficiency, and vocational efficiency, Adjustment of education to the needs of society. Application of social needs to school practice, school administration, and curricula.

3. **Story Telling.** Autumn, Winter or Spring. T. Th., 8:30. Two hours credit. Dusenberry.

A study from the literary and education points of view of the best literature available for children.

4. **Juvenile Literature.** Autumn, Winter or Spring. T. Th., 9:30. Two hours credit. Dusenberry.

A study of literature to give a basis of selection, appreciation and presentation of the best and most suitable material for the elementary grades.

5. **Principles of Education.** Autumn. Winter, Spring. M. T. W. Th., 9:30. Four hours credit each quarter. Sudweeks.

The teacher, the child, the learing and teaching processes, measurements, and the American public school.

45. **Statistical Methods.** Autumn. M. W. F., 2:30. Three hours credit. Sudweeks.

This course deals with the principles and methods underlying the compilation, analysis, and interpretation of educational data; and with the graphical representation of data. Of value to teachers, administrators, and psychologists.

EDUCATIONAL ADMINISTRATION

Professor Lambert

Upper Division Courses

52. **Organization and Administration of Secondary Schools.** Autumn or Winter. T. Th., 10:30. Two hours credit. Lambert.

An introduction to the theory and the current practices in organizing and administering secondary schools. Meets the State requirements for the secondary school credential.

56. **Standard Tests and Testing.** Autumn. M. W. F., 8:30. Three hours credit. Sudweeks.

An introduction to the field of tests and examinations in elementary and high schools. Each student will carry out a complete testing project in the University Training School.

57. **Old and New Type Examinations.** Spring. M. W.

F., 8:30. Three hours credit. Sudweeks.

The place of the old type examination and its improvement is considered. The use and the forms of the new type examinations are considered. A sequence to course 56.

58. **Statistical Methods.** (Intermediate.) Winter. M. W. F. Three hours credit. Sudweeks.

A continuation of elementary statistical methods which is a prerequisite to this course. Considers correlation procedures, simple, multiple, and partial.

69. **Measurements of High School Teaching.** Spring. M. W. F., 8:30. Three hours credit. Sudweeks.

A study of standard tests now available for high school teaching. How to give and score tests, to interpret results, and plan remedial instruction.

73. **The Organization and Administration of Public Schools.** Autumn. Daily. 9:30. Five hours credit. Lambert.

This course considers the ways in which public schools are controlled and the ways in which states, cities, counties and local districts are organized for the conduct of public education. This is a foundational course for all students in education. It is required of all students who major in the field of administration.

75. **Educational Supervision.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

The evaluation and the improvement of teaching. Offered for students who have foundational work in psychology, in educational psychology, in school organization and in class-room procedures and theory.

ELEMENTARY EDUCATION

Professor W. H. Boyle

Students majoring in Elementary Education should conform to the following sequence of courses:

Freshman Year: Education 1, Social Science 11 or 55, Speech 1 or 11, English 1, 2, 3, Library 11, Physical Education 1, 21, 22, Art 41 or 42. Education 3 or 5, Bacteriology 21.

Sophomore Year: Education 4, Geography 52, History 82, Theory of Music 11 and 41, Zoology 58, Elementary Education 64, 65, or 66, Psychology 51.

Junior Year: Elementary Education 51, 52, 54, 55, 56, 57, 61 or 62, 63.

Senior Year: Upper division courses in Education.

Upper Division Courses

51, 52. **Methods of Teaching.** Autumn, Winter and Spring. M. T. W. Th., 10:30. Three hours credit each quarter. Sec. 1, Kindergarten and Primary Grades. Sec. 2, Intermediate Grades. Peterson and Law.

These courses are to be taken before or parallel with Elementary Education 54. They deal with the application of psychological principles to the teaching problems.

54. Elementary and Kindergarten Training. Autumn, Winter and Spring. Daily from 8:30 to 10:30, or 1:30 to 3:30. Ten hours credit. Peterson and Law.

This is essentially a laboratory course affording opportunity for practice teachers to apply the principles of teaching developed in Elementary Education 51 and 52. Prerequisites: Fifteen hours of selected educational work.

55. School Organization and Administration. Autumn or Winter. M. W. F., 9:30. Three hours credit. Boyle.

This course will acquaint beginning teachers with the school as an institution in its relation to the state and the community. It meets state requirements for certification.

56, 57. The Elementary School Curriculum. Autumn, Winter. T. Th., 10:30. Two hours credit. each quarter. Law.

This course is required for state certification. A detailed consideration of materials taught in the elementary school. At intervals, drills and tests in the materials of the fundamental tool subjects will be given to insure efficiency.

58. Health Education for Teachers. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit each quarter. Cullimore. Oaks and Merrill. (See Zoology 58.)

60. Measurements in Elementary Education. Spring. M. W. F.. 8:30. Three hours credit. Law and Sudweeks.

A study of standard tests now available for elementary school teaching, involving testing, scoring, interpreting results, and planning remedial instruction.

61. First Grade Education. Spring. M. W. F., 9:30. Three hours credit. Law.

Problems of early elementary education will be considered. A study of the activities, subject matter and concrete materials which should form the basis of the work with young children. Class room observation required.

63. School Management and Extra Curricular Activities. Winter. T. Th., 8:30. Two hours credit. Peterson.

A course in the conservation and obtaining of the maximum educational value of every element in school and classroom organization.

64. Myths of the World. Autumn. T. Th., 7:30. Two hours credit. Dusenberry.

The major topics to be considered in this course are present and past customs, superstitions, folk lore, and mythological beliefs of the people of Egypt and India.

65. Myths of the World. Winter. T. Th., 7:30. Two hours credit. Dusenberry.

A continuation of 64. Topics of discussion: India and China.

66. Myths of the World. Spring. T. Th., 7:30. Two hours credit. Dusenberry.

A continuation of 65. Topics of discussion: Japan, Islands of Bali, Boreno, and the Philippines.

SECONDARY EDUCATION

Professor A. N. Merrill.

Upper Division Courses

51. **Organization and Administration of Secondary Schools.** Autumn or Winter. M. W. F., 10:30. Two hours credit. Merrill.

This course emphasizes methods of teaching high school subjects. It should be taken before or parallel with Secondary Education 54.

52. **Organization and Administration of Secondary Schools.** Autumn or Winter. T. Th., 10:30. Two hours credit. Lambert.

This course deals with the problems of high school organization and administration. It should be taken before or parallel with Secondary Education 54.

54. **Secondary Teaching.** Autumn, Winter, and Spring. Demonstration. W., 10:30. Practice periods to be arranged. Eight hours credit, four hours in each two quarters. Merrill, Boyle, Jensen, and Secondary Training School Faculty.

This is a course in practice teaching under supervision. Approximately eighty hours of participation and responsible class room teaching will be required. Prerequisites: Fifteen hours of selected educational work and consent of the instructors.

55. **Junior High School.** Spring. M. W. F., 9:30. Three hours credit. Merrill.

This course deals with problems in the organization and special functioning of the junior high school. (Not given this year.)

63. **Teaching of Agriculture.** Winter. M. W. F. 1:30. Three hours credit. Sudweeks. (See Agronomy 63.)

A practical course in the application of methods in the teaching of agriculture. To accompany or precede secondary training. Emphasis on Smith-Hughes provisions and standards. Required of teachers of vocational agriculture.

69. Measurement of High School Teaching. Spring. M. W. F., 2:30. Three hours. Sudweeks.

A study of standard tests now available for use in high school teaching. Giving and scoring tests, interpreting results ,and planning remedial instruction.

91. The High School Curriculum. Winter. M. T. W. Th., 9:30. Four hours credit. Merrill. (See Accounting and Business Administration 63.)

The principles governing the organization of the high school curriculum. The evaluation of objectives of the course of study, and of the activity phase of the present high school curriculum.

94. Educational and Vocational Guidance. Autumn. M. T. W. Th., 9:30. Four hours. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; and the modification of the high school curriculum to facilitate vocational choice.

This course deals with the problems of the senior high school, especially those concerned with the justification and the modification of the present curriculum.

95. The Senior High School. Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

This course deals with the problems of the senior high school, especially those concerned with the justification and the modification of the present curriculum.

PHILOSOPHY OF EDUCATION

Professor Woodward

This department is designed to prepare the student in the fundamentals of professional education with emphasis upon aims, objectives, the fundamental principles involved in the various levels and the relation the school bears to society.

The following sequence of courses is recommended:

1. In the junior year Philosophy of Education 74, 81, 84

and Psychology 74, or Philosophy of Education 72 or 92.

2. In the senior year Philosophy of Education 85, 86, 87, 88, 89, 90 and 94 or 96.

3. With the approval of the major professor certain courses from other departments in the College of Education may be substituted for certain courses in the above list.

Upper Division Courses

72. Community Organization and Leadership. (See Sociology 51.) Swenson.

74. Rural Sociology. (See Sociology 53.) Nelson.

81. Science of Education. Autumn, Winter, Spring. M. W. F., 8:30. Four hours credit. Woodward and ——

A consideration of the fundamental problems of educational theory and practice; the aims, standards and contents of education. A study of the principles of determining educational values.

84. Educational Sociology. (See Sociology 61.) Swenson.

85. Philosophy of Nature. Autumn. M. W. F., 9:30. Three hours credit. Woodward.

The course deals with a brief survey of the evolution of philosophical thought; the place of philosophy in the solution of problems of modern civilization.

GRADUATE WORK IN EDUCATION

The Master's Degree in Education is taken from the general field rather than any one specific department.

Students who plan to complete the requirements for this degree in education should choose a major professor or adviser from the members of the staff who are responsible for graduate work. This adviser will have the chief responsibility of directing the preparation of the thesis. Students are encouraged to project a graduate program around some field of concentration or emphasis

The graduate major will ordinarily be chosen from the courses here listed, but work in other departments of the university may be taken where the student's program appears to need such preparatory or supporting courses. The exact allotment of time within the program and the exact amount of time necessary to complete requirements will be determined for the student in the light of his undergraduate work in education and the field he chooses for graduate study.

101-110. Independent Readings in Organization, Administration and Supervision. Any quarter. Maximum of two hours credit for any one student in any one quarter. Lambert.

Properly qualified students may read in fields in which courses are not offered and in fields beyond those covered in the regular courses. The reading is planned to meet the needs of the student's graduate program. Registration by consent of the instructor.

111. Public School Finance, I. Winter. Daily, 9:30. Five hours credit. Lambert.

The theory and practice of financing public education in the American states. Emphasis in this course is put upon revenue systems. An enlarged reading program is part of the course. Educational administration 73 or its equivalent is a prerequisite. A course in taxation should precede or parallel this course.

112. Public School Finance, II. Winter. Daily, 9:30. Five hours credit. Lambert.

The business management of school systems. Expenditures, costs, purchases, accounting, and the school budget. Educational administration 73 or its equivalent is a prerequisite. Given each alternate year. (Not given this year.)

113. Personnel Problems. Winter. M. T. W. Th., 2:30. Four hours credit. Lambert.

Problems of the teaching staff; training, selection, assignment, promotion, retirement. Contract, tenure, salaries. Given each alternate year. Educational Administration 73 is a prerequisite.

114. Organization and Supervision of a Single School. Spring. M. T. W. Th., 9:30. Four hours credit. Lambert.

The work of the school principal and the supervisor. Educational Administration 73 and work in educational psychology and teaching methods are prerequisites. Given each alternate year.

116. Planning School Building and Transportation Programs. Spring. M. T. W. Th., 2:30. Four hours credit. Lambert.

How to project a school building program and to finance it. How to integrate the curriculum, the school organization, the buildings, and the school transportation system. Management and care of school plants. Educational Administration 73 or its equivalent is a prerequisite. (Not given this year.)

118. Introduction to Research and Thesis Writing. Autumn. M. W. F., 2:30. Three hours credit. Lambert.

Two lectures each week with individual conferences and readings. A course in the principles of scientific investigation and the acceptable procedures of research. Specific assistance in the preparation of the master's thesis. Given for all of the graduate students in the university. Required of all candidates for the master's degree in the College of Education.

122. Problems in Part-Time Education. Two hours credit. Merrill and Woodward.

This course deals with the methods and the problems of part-time education; the character of the population to be educated, methods of teaching in part-time classes, job analysis, and course organization.

137. American Philosophy of Education. Time to be arranged. Three hours credit. Woodward.

145. Statistical Methods. Autumn. M. W. F., 2:30. Three hours credit. Sudweeks.

The principles and methods underlying the compilation and interpretation of educational data and graphical representation. Required of all candidates for the master's degree in Education.

147. Research in Secondary Education. Any quarter. Merrill.

Two or three hours credit is allowed for the completion of an acceptable paper that embodies the results of independent research upon some problem in secondary education. Registration by consent of the instructor.

150. Seminar in Education. Any quarter. Time arranged. Lambert, Merrill, Woodward, Sudweeks.

A seminar in educational research is organized any quarter for five or more graduate students. It provides an opportunity for qualified workers to extend their studies of educational problems and for graduate students to secure aid in pursuing and reporting their investigations.

169. Measurement of High School Teaching. Spring. M. W. F., 2:30. Three hours credit. Sudweeks.

A study of standard tests now available for use in the high school subjects. Scoring tests, interpreting results, and planning remedial teaching.

174. Advanced Educational Psychology. Winter. M. W. Th. F., 8:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson. Prerequisite: Psychology 11. (See Psychology 174.)

175. Psychology Tests. Spring. M. W. F., 7:30. Three hours credit. Poulson. Prerequisite: Psychology 11. (Alternates yearly with Psychology 105.) See Psychology 175.

180. Standard Tests and Testing. Autumn. M. W. F., 8:30. Three hours credit. Sudweeks.

The theory underlying measurement; available standard tests in elementary and high schools. Each student will carry out a complete testing project in the university training school.

183. Statistical Methods. (Intermediate.) Winter. Time to be arranged. Three hours credit. Sudweeks.

A course in correlation procedures—simple, multiple, partial. Elementary statistics are a prerequisite to this course.

184. Educational Sociology. Spring. Three hours credit.

Woodward.

An introduction to the study of the principles of educational sociology and their application to the theory and practice of modern education.

185. Philosophy of Nature. Autumn. M. W. F., 9:30. Three hours credit. Woodward.

This course deals with a brief survey of the evaluation of philosophical thought; the place of philosophy in the solution of problems of modern civilization.

186. **Philosophic Ethics.** Time to be arranged. Two hours credit. Woodward.

A brief treatment of the evolution of ethical thought and the principal philosophic problems that underlie ethical theory.

187. **Ethics as Applied to Individual Development.** Time to be arranged. Two hours credit. Woodward.

Considers a definite technique for character building. Designed to give specific help to teachers and students interested in the development of the abundant life.

188. **The Message of the World's Great Teachers.** Time to be arranged. Two hours credit. Woodward.

The message of life and self development as set forth by the world's outstanding teachers.

189. Social Ethics. Spring. M. T. W. Th., 10:30. Four hours credit. Woodward.

This course deals with the ethical theory as applied to our industrial and social problems; the breakdown of puritan ethics; individualism, Christian ethics, international good-will and world peace.

190. Education and Twentieth Century Civilization. Autumn. M. W. F., 10:30. Three hours-credit. Woodward.

A consideration of the outstanding current political, economic, social, and educational conditions in the important countries of Europe, the Orient and the Occident.

191. Secondary School Curricula. Winter. 8:30. Four hours credit. Merrill.

The theory of the high school curricula. Particular attention is given also to the subject matter and student activities now required of students in the high schools of Utah.

194. Educational and Vocational Guidance. Autumn. M. T. W. Th., 9:30. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; modification of the high school curriculum to facilitate the vocational choice.

195. The Senior High School. Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

This course deals with the problems of the senior high school, especially those concerned with modifications of present practices.

196. History of Education in America. Winter. M. W. F., 10:30. Three hours credit. Woodward.

Special emphasis upon the modern period of the history of education.

198. Research in Philosophy of Education. Time to be arranged. Woodward.

Two or three hours credit for an acceptable paper that embodies the results of independent research.

199. Seminar in Philosophy. Winter or Spring. Two hours credit. Time to be arranged. Woodward.

This course deals with such problems as reality, the self, etc. Registration by consent of the instructor.

200. The Master's Thesis in Education. Each quarter. Lambert, Merrill, Sudweeks, Woodward.

Credit of two to six hours is given upon the completion of an acceptable thesis that embodies the results of independent research upon a significant problem in some field of concentration. Students should read the section of the catalog that contains the requirement of the graduate school.

ENGLISH

Alfred Osmond, Professor Emeritus.
Professors Christensen, Reynolds, Holt, Merrill, Jensen; Associate Professor Rowe; Assistant Professors Young, Carroll; Mr. Culmsee, Miss Black, Mr. Stimpson.

Scope of Instruction

The English department offers courses in English language, English literature, American literature, and general and comparative literature. For convenience the courses in general and comparative literature are brought together.

Requirements for the Degree of Bachelor of Arts

Students who elect their major in English are required to complete thirty hours of work in English in addition to courses 1, 2, and 3. The following program of study in English is prescribed: courses 71, 72, 73, 74, 75 (four required); courses 83, 84, 85, 86, 88 (one required); courses 81, 95, 97 (one required); course 12 and course 82.

Students may, however, make substitutions as follows: course 60 for 72; 90 for 74; 91 for 75; 24 or 69 for 82; 57 or journalism 51 or 52 or 53 for 12.

Twenty-four hours in one or more foreign languages are required. Courses in English history and general psychology are strongly recommended. Students inadequately grounded in grammar should take course 11.

Courses 20, 21, 22 are not open to students who elect their major in English. For students who minor in English and who intend to teach the subject, the department specially recommends the following: 11, 12, 15, 16, 71, 72, 73, 74, 75, 82, 97.

Students making English a minor and desiring the recommendation of the department to take secondary training in English, are required to take an examination in grammar and composition. Satisfactory credit in courses 11 and 12 entitles the student to the recommendation without examination.

Requirements for the Degree of Master of Arts

Candidates for the Degree of Master of Arts in English must have the equivalent of the requirements for the Degree of Bachelor of Arts in English; they must offer upper division or graduate credit in Old English, Chaucer, Shakespeare, and history of the English language; they must have, exclusive of thesis credit, at least twenty hours of graduate credit in English; they must write a satisfactory thesis; and they must pass a comprehensive oral examination in the field of English language and literature.

Placement Tests for Freshman English

In Freshman English consideration is given to the individual needs of students. To determine these needs all freshmen are required to take a placement test at the time of registration. Assignments to classes are made after this test.

Lower Division Courses

1. **Composition and Literature.** Autumn. M. W. F. Classes available at 8:30, 9:30, 10:30, 1:30, and 2:30. Three hours credit.
Review of grammar, study of the principles of composition, theme writing, and readings in literature.

2. **Composition and Literature.** Winter. Sections and time the same as in course 1. Three hours credit.
Continuation of course 1.

3. **Composition and Literature.** Spring. Sections and time the same as in courses 1 and 2. Three hours credit.
Continuation of course 2.

4. **Business English.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit. Holt.
The substance and style of business English; correctness of diction; business forms and usages.

11. **Advanced English Grammar.** Winter, 8:30. Four hours credit. Young.
Prerequisites: English 1, 2, and 3.

12. **Advanced Rhetoric and Composition.** Winter. M. W. F., 2:30. Three hours credit. Young.
Long themes, lectures, conferences, and required reading. Prerequisites: English 1, 2, and 3.

15. **Early American Writers.** Autumn. M. F., 9:30. Two hours credit. Merrill.
A survey of American literature from Captain John Smith to about 1865.

16. **Later American Writers.** Winter. M. F., 9:30. Two hours credit. Merrill.
A survey of American literature from about 1865

to the present century.

17. **Contemporary American Poets.** Spring. T. Th., Sec. 1, 1:30; Sec. 2, 2:30. Two hours credit. Osmond. A study of the principal American poets. (Not given this year.)

18. **Contemporary American Novelists.** Spring. T. Th., 2:30. Two hours credit. Osmond.
A study of the principal American novelists.

19. **Contemporary American Short Story Writers.** Spring. T. Th., 1:30. Two hours credit. Osmond.
A study of the principal American short story writers.

20. **Masterpieces of English Literature.** Autumn. T., 8:30. Carroll. Two hours credit.
A study of the principal English masterpieces.

21. **Masterpieces of English Literature.** Winter. T. Th. Sec. 1, 9:30, Young; Sec. 2, 8:30, Carroll. Two hours credit.
A continuation of course 20.

22. **Masterpieces of English Literature.** Spring. T. Th. Sec. 1, 9:30, Young; Sec. 2, 8:30, Carroll. Two hours credit.
A continuation of course 21.

23. **Contemporary British Literature.** Spring. M. W. F., 9:30. Three hours credit. Rowe

24. **Shakespeare's Comedies.** Autumn. M. T. W. Th., 10:30. Four hours credit. Osmond.
A study of the principal comedies.

See General and Comparative Literature, page 138, for courses 26, 27, 28; 61, 62, 63, 65, 66, 67, 68.

Upper Division Courses

52. **Argument and Debate. Autumn.** M. W. F., 9:30. Three hours credit. Rowe. (See Speech 52.)

A study of the principles of argument followed by a series of debates on current questions. Prerequisites: English 1, 2, and 3.

53. Romantic Prose. Autumn. T. Th., 10:30. Two hours credit. Rowe.

A study of the principal prose writings of the Romantic Movement.

57. Short-Story Writing. Autumn. M. T. W. Th., 10:30. Four hours credit. Osmond.

In this course, the greater part of the student's time is given to practice in writing short-stories. Prerequisites: English 1, 2, and 3. (Not given in 1936-1937.)

58. The New Biography. Spring. T. Th., 8:30. Two hours credit. Jensen.

A study of the best recent biographies.

59. Poetry. Spring. T. Th., 2:30. Two hours credit. Osmond.

A practical course in the various forms of verse-writing. (Not given in 1936-1937.)

60. English Drama to 1642. Spring. M. T. W. Th., 1:30. Four hours credit. Young.

The beginning and development of English drama, not including Shakespeare, to the closing of the theaters.

64. Philology. Winter. T. Th., 2:30. Two hours credit. Osmond. (Not given in 1936-1937.)

A study of the history and development of words and their ways in English speech.

69. Shakespeare's Tragedies. Winter. M. T. W. Th., 10:30. Four hours credit. Osmond.

A study of the principal tragedies.

71. Medieval Literature. Autumn. M. T. W. Th., 9:30. Four hours credit. Christensen. (Not given this year.)

72. English Literature from 1500-1660. Autumn. M. T. W. Th., 2:30. Four hours credit. Young.

73. **English Literature from 1660-1780.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

74. **English Literature from 1780-1832.** Winter. M. T. W. Th., 10:30. Four hours credit. Rowe.

75. **English Literature from 1832-1900.** Spring. M. T. W. Th., 10:30. Four hours credit. Reynolds.

81. **Chaucer.** Winter. M. T. W. Th., 8:30. Four hours credit. Christensen.

82. **Shakespeare.** Spring. M. T. W. Th., 9:30. Four hours credit. Christensen.

An intensive and critical study of the principal plays.

83. **Milton.** Winter. M. W. F., 9:30. Three hours credit. Christensen.

A study of the author's poetry and prose.

84. **Wordsworth.** Spring. M. W. F., 10:30. Three hours credit. Rowe.

The author's theory of poetry and his principal poems will be studied.

85. **Tennyson.** Winter. M. W. F., 2:30. Three hours credit. Reynolds.

A study of the author's principal major and minor poems.

86. **Browning.** Spring. M. W. F., 2:30. Three hours credit. Reynolds.

A study of the author's principal major and minor poems.

87. Matthew Arnold. Autumn. T. Th., 2:30. Two hours credit. Christensen. (Not given this year.)

Study of Arnold's poetry and prose.

88. Spenser. Spring. M. W. F., 2:30. Three hours credit. Young.

A study of the author's poetry and prose.

89. Byron. Winter. T. Th., 9:30. Two hours credit. Rowe.

Study of the author's principal works.

90. Romantic Poetry. Autumn. M. W. F., 10:30. Three hours credit. Reynolds.

A study of romanticism as manifested in the poetry of the eighteenth and nineteenth centuries.

91. The Victorian Poets. Autumn. M. W. F., 2:30. Three hours credit. Reynolds.

92. The English Novel. Autumn. M. T. W. Th., 2:30. Four hours credit. Jensen.

The history of English prose fiction to the beginning of the Victorian Period.

93. The Modern English Novel. Winter. M. T. W. Th., 10:30. Four hours credit. Jensen.

A consideration of the technique of the novel and various phases of life reflected in this form of literature.

94. The English Essay. Winter. T. Th., 8:30. Two hours credit. Jensen.

The origins of the essay, and its development to the present time.

95. Old English. **Autumn.** M. T. W. Th., 8:30. Four hours credit. Young.

Old English grammar and reading exercises.

96. Beowulf. Spring. M. W. F., 7:30. Three hours credit. Christensen. (Not given this year.)

The entire poem is read in the original. Prerequisite: course 95.

97. The History of the English Language. Spring. M. T. W. Th., 8:30. Four hours credit. Christensen.

An historical and philological study of the language from the Old English period to the present time.

98. The History of Literary Criticism. Winter. M. W. F., 2:30. Three hours credit. Christensen.

A study of critical theories from ancient to modern times .

99. The Study and Appreciation of Literature. Spring. M. W. F., 2:30. Three hours credit. Christensen.

Finding and appraising literary values.

General and Comparative Literature

Lower Division Courses

26, 27, 28. Types of World Drama. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Rowe.

The great plays of the world are studied according to type.

Upper Division Courses

61. Modern European Drama. (Continental.) Autumn. T. Th., 2:30. Two hours credit. Reynolds.

62. Modern European Drama. (British.) Winter. T. Th., 2:30. Two hours credit. Reynolds.

63. Modern Drama. (American.) Spring. T. Th., 2:30. Two hours credit. Reynolds.

65, 66, 67. Types of World Literature. Autumn, Winter, Spring, T. Th., 10:30. Two hours credit each quarter. Carroll.

68. Types of Poetry. Spring. M. T. W. Th., 10:30. Four hours credit. Osmond.

A study of lyric, epic, and dramatic poetry. (Not given in 1936-1937.)

Graduate Courses

160. English Drama to 1642. Spring. 1:30. Young.

165, 166, 167. Types of World Literature. Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Carroll.

169. Shakespeare's Tragedies. Winter. 9:30. Osmond.

171. Medieval Literature. Autumn, 9:30. Four hours credit. Christensen. (Not given in 1936-1937.)

172. English Literature from 1500 to 1660. Autumn. 2:30. Four hours credit. Young.

173. English Literature from 1660 to 1780. Spring. 2:30. Four hours credit. Jensen.

174. English Literature from 1780 to 1832. Winter. 10:30. Four hours credit. Rowe.

175. English Literature from 1832 to 1900. Spring. 10:30. Four hours credit. Reynolds.

181. Chaucer. Winter. 8:30. Four hours credit. Christensen.

182. Shakespeare. Spring. 9:30. Four hours credit. Christensen.

183. Milton. Winter. 9:30. Three hours credit. Christensen.

184. Wordsworth. Spring. 10:30. Three hours credit. Rowe.

185. Tennyson. Winter. 2:30. Three hours credit. Reynolds.

186. Browning. Spring. 2:30. Three hours credit. Reynolds.

187. Matthew Arnold. Autumn. 2:30. Two hours credit. Christensen. (Not given in 1936-1937.)

188. Spenser. Spring. 2:30. Three hours credit. Young.

195. Old English. Autumn. 8:30. Four hours credit. Young.

196. Beowulf. Spring. M. W. F. Three hours credit Christensen. (Not given in 1936-1937.)

197. The History of the English Language. Spring 8:30. Christensen.

198. The History of Literary Criticism. Winter. 2:30. Three hours credit. Christensen.

199. The Study and Appreciation of Literature. Spring. 2:30. Three hours credit.

200. Thesis for Master's Degree. Time and credit to be arranged.

GEOLOGY AND GEOGRAPHY

Professors Hansen, Martin; Associate Professor Hales;
Mr. Coffman, Mr. Dennis.

GEOLOGY

Geology 1, 2, 3, 50, 51, 52, 57, 60, and either 90, and 91 or 71 and 74; Chemistry 4, 5, 6; Physics 41, 42, 43; Mathematics 11, 12; Mechanic Arts 6; and Engineering 1, 3 are required of students majoring in Geology. Geology 1, 2, 3, 51 and either 50, 52 or 60 are required for a minor in Geology. Geography 5, 6, 52, 73 and either Geology 2 or Geography 50, or 51 are required of students minoring in Geography.

Lower Division Courses

1. **General Geology Survey Course.** Autumn, Winter, and Spring: 10:30. Daily. Four hours credit. Four lectures and demonstration periods, and one quiz section. Hansen and Dennis.

   A survey of the fields of physical and historical geology, which will give the student a basis for reading and thinking on the relation of the earth, man and nature.

2. **Physical Geology.** Winter. Lectures T. Th., 9:30. Laboratory T. Th., 2:30 to 5:30, and two Saturday field trips. Four hours credit. Dennis. Prerequisite Geology 1.

   The common rock-forming minerals, the common rocks and representative topographic maps will be studied in the laboratory.

3. **Historical Geology.** Spring. Lectures M. W. F., 9:30. Laboratory T., 2:30 to 5:30, and some assigned laboratory work. Four hours credit. Hansen. Prerequisite: Geology 1.

   A study of the history of the earth and the evolution of life forms. Representative fossil forms will be studied in the laboratory.

Upper Division Courses

50. **Geology of the United States.** Winter. Daily, 9:30.

Five hours credit. Hansen. Prerequisite: Geology 3.

A study of the stratigraphy, structure and areal geology of the United States from the geologic maps of representative areas.

51. **Structural Geology.** Spring. Daily, 8:30. Five hours credit. Dennis. Prerequisite: Geology 50 and 60.

A study of rock structures caused by earth movements. Emphasis will be placed upon the solving of structural problems in sedimentary rocks and the primary structures of igneous and metamorphic rocks will be treated with less detail.

52. **Field Geology. Autumn.** Daily, 9:30. Five hours credit. Hansen. Prerequisites: Geology 51 and Engineering 3.

A course in the practical application of geologic knowledge to the interpretation of field problems. Each student will be required to make a topographic and geologic map of a small area in the Wasatch or elsewhere near the campus.

57. **Soil Geology.** Spring. T. Th., 8:30. Laboratory M. 2:30. Three hours credit. Martin. Prerequisites: Geology 2 and 3; Chemistry 1, and Physics 21. (See Agronomy 57.)

60. **Mineralogy.** Autumn. T. Th., 10:30. Laboratory T. Th., 2:30 to 5:30. Four hours credit. Dennis. Prerequisites: Chemistry 6 and Geology 2.

A general course in mineralogy. The laboratory will be devoted to chrystallography and the identification of the non-silicate minerals by blowpipe analysis.

61. **Mineral Optics.** Winter. M. W. 2:30 to 5:30. Two hours credit. Dennis. Prerequisite: Geology 60.

A study of the principles of mineral identification by means of the petrographic microscope.

62. **Petrography.** Spring. M. W. 2:30 to 5:30. Two hours credit. Dennis. Prerequisite: Geology 61. (Not given this year.)

A study of the common rocks with the aid of the petrographic microscope.

63. **Petrology.** Spring. M. W. 2:30 to 5:30 and Saturday field trips. Two hours credit. Dennis. Prerequisite: Geology 60.

A megascopic study of the common rocks with emphasis upon classification and field identification.

70. **Invertebrate Paleontology.** Winter. Daily, 2:30 and laboratory work. Five hours credit. Hansen. Prerequisites: Zoology 55 and Geology 3.

71. **Physical Anthropology**. Spring. M. W. F., 10:30. Three hours credit. Hansen. Prerequisite: Geology 3. (See Anthropology 71.)

72. **Vertebrate Paleontology.** Spring. T. Th., 10:30. Three hours laboratory. Three hours credit. Hansen. Prerequisite: Zoology 56 or Geology 3. (Not given this year.)

73. **Sedimentation and Stratigraphy.** Winter. Daily, 2:30 and laboratory work. Five hours credit. Hansen. Prerequisite: Geology 52. (Not given this year.)

74. **Stratigraphy and Fossils of the Wasatch.** Autumn. Time to be arranged. Eight hours field or laboratory work. Three hours credit. Hansen. Prersquisite: Geology 71.

90. **Ore Deposits.** Autumn. Daily, 8:30. Five hours credit. Dennis. Prerequisite: Geology 51 and 60.

A study of the geologic occurrence and relationships of the ore minerals.

91. **The Non-Metallic Minerals.** Autumn. Daily, 8:30. Five hours credit. Dennis. Prerequisites: Geology 51 and 60. (Not given this year.)

92. **Geology of Ground Water.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisite: Geology 51.

Graduate Courses

101, 102, 103. Research. Hours and credit to be arranged. Hansen.

Special problems in the field of Geology will be assigned to students prepared to do original work.

110. Geology of Utah. Autumn. T. Th., 2:30, and three long field trips, the expense of which is borne by the students. Three hours credit. Hansen. Prerequisite: Geology 51.

152. Engineering Problems in Geology. Time and credit to be arranged. Prerequisite: Geology 51.

175. Index Fossils. Spring. M., 10:30, and six hours laboratory work by arrangement. Three hours credit. Hansen.

190. Special Problems in Metals. Time and credit to be arranged. Dennis. Prerequisite: Geology 90.

191. Special Problems in Non-Metals. Time and credit to be arranged. Dennis. Prerequisite: Geology 91.

193. Ore Deposits of Utah. Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisite: Geology 90. (Not given this year.)

196. Readings in Geology. Any quarter. One to six hours credit, no more than two hours of which may be taken in any one quarter. Hansen and Dennis

200. Thesis Work.

GEOGRAPHY

Lower Division Courses

5. Introductory Geography. Autumn. Daily, 2:30. Five hours credit. Coffman.

The elements of the natural environment and the relation of geography to the physical and social sciences.

6. **Regional-Economic Geography.** Winter. Daily, 1:30. Five hours credit. Coffman. Prerequisite: Geography 5. (See Marketing 30.)

The geography of world commodities; a survey of the economic activities of the world's political entities from a regional aspect.

7. **Advanced Physiography.** Spring. Daily, 1:30, and several field trips by arrangement. Five hours credit. Hansen and Coffman. Prerequisites: Geography 5 and Geology 2. (Not given this year.)

16. **Descriptive Astronomy.** Spring. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 16.)

Upper Division Courses

50. **Climatology.** Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisite: Geography 5, 6, and 21.

51. **Geography of Commerce and Trade.** Spring. T. Th., 1:30. Two hours credit. Coffman. Prerequisite: Geography 6.

Three hours credit. Hansen.

The response man has made to his geographic environment.

55. **Geography of North America.** Spring. M. W. F., 10:30. Three hours credit. Coffman. Prerequisite: Geography 5 and 6. (Not given this year.)

56. **Geography of Latin America.** Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)

57. **Geography of Europe.** Spring. M. W. F., 1:30. Three ours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)

58. **Geography of Asia.** Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)

60. The Teaching of Geography. T. Th., 1:30. Spring. Two hours credit. Coffman. Prerequisites: Geography 5 and 6. (Not given this year.)

73. Meteorology. Autumn. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 73.)

Graduate Courses

105, 106, 107. Research. Hours and credit to be arranged. Hansen and Coffman.

Under this course special problems may be assigned students who are prepared to do original work in the field of Geography.

111. Physiography of Utah. Spring. T. Th., 8:30, and three Saturday field trips. Three hours credit. Hansen.

Deals with the present surface forms of Utah and how they came to be developed.

152. Special Problems in Human Geography. Time and credit to be arranged. Hansen.

200. Thesis Work.

ANTHROPOLOGY

Upper Division Courses

51. Indians of Western America. Autumn. Lecture T. Th., 2:30. Field trips on Saturday. Three hours credit.

52. Archeology of Utah. Winter. Lectures. T. Th., 2:30. Field trips or assigned readings on Saturday. Three hours credit.

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53. Western Archeology. Spring. Lectures, T. Th., 2:30. Field trips or assigned readings on Saturday. Three hours credit.

71. Physical Anthropology. Spring. M. W. F., 10:30.

Two hours credit. Hansen. Prerequisites: Geology 3. (See Geology 71.)

Graduate Courses

151, 152, 153. **Archeology.** Arranged for graduate students in Archeology. Registration only upon consultation of teacher.

HISTORY

Professors Jensen, Snow; Associate Professor Sperry; Assistant Professor Swenson

Requirements for a Major in History

Students must present a minimum of fifteen hours of upper division credit in History. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

1. **History of Civilization.** Autumn and Spring. Daily, 8:30. Five hours credit. Snow.
An orientation course covering all phases of human achievement. Cultural and constructive forces are of chief consideration. The survey is universal in time and place.

10. **History of England to 1485.** Autumn. M. W. F., 8:30. Three hours credit.
Origin and development of the English people and English institutions from earliest times to 1485.

11. **History of England, 1485 to 1714.** Winter. M. W. F., 8:30. Three hours credit.
Special consideration to the development under the Tudors and the struggle of Divine right claims of the Stuarts against parliamentary prerogative. The triumph of Parliament 1689-1714.

12. **History of England, 1714 to 1934.** Spring. M. W. F., 8:30. Three hours credit
Cabinet government. A survey of the reform movements, political, economic and humanitarian in the nineteenth century, and England's relation to foreign affairs, to the time of the World War and after.

20. **History of the United States to 1789.** Autumn. M. W. F., 2:30. Three hours credit. Jensen.
Problems of discovery, exploration, and coloniza-

tion; causes, conflicts, and results of American Revolution; establishment of state governments; formation and ratification of Constitution of the United States.

21. **History of United States, 1789 to 1861.** Winter. M. W. F., 2:30. Three hours credit. Jensen.
Federalist and Anti-Federalist control of government; foreign affairs and the Monroe Doctrine; "Rise of the New West"; problems of nullification; economic, political, and moral phases of slavery.

22. **History of United States, 1861 to 1934.** Spring. M. W. F., 2:30. Three hours credit. Jensen.
Problems of the Civil War and reconstruction; the new economic era; a new imperialism; the United States and the World War; post-war problems.

28. **History of Hispanic America.** Winter. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)
A brief survey of the colonial period and a more thorough consideration of the development of the Hispanic American Republics and their relation to the United States.

29. **History of Hispanic America.** Spring. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)
Continuation of History 28. Emphasis on present day conditions and international relations.

Upper Division Courses

50. **Early Oriental History.** Autumn. M. W. F., 10:30. Three hours credit. Sperry. (Not given this year.)
A study of ancient civilizations including Egypt, Babylonia, Assyria, China, India, Arabia, Persia, the Hebrews, and other oriental races. The course is helpful to those especially interested in the Jewish scripture.

51, 52, 53. **History of the Hebrew Civilization.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit each quarter. Sperry.

A survey of the forces acting on the Hebrew commonwealth from earliest times. The message and present significance of the great creative personalities in Hebrew religious life will be especially emphasized. (See Religious Education 51, 52, 53.)

54. **Greek History.** Winter. M. W. F., 10:30. Three hours credit. R. B. Swensen.

A study of the social, cultural, economic, and political developments of the Greek people from the early heroic age down to Alexander. Major emphasis on phases of Greek culture which have influenced Western civilization.

57. **Roman History.** Spring. M. W. F., 10:30. Three hours credit. R. B. Swensen.

A survey extending from the rise of the Republic to the reign of Justinian. Special consideration will be given to the economic, social, cultural, and political forces which brought about the growth and decline of the Empire.

62. **Medieval History.** Winter. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

Studies covering the period 500-1250. The disintegration of the Roman Empire and the development of the Medieval church. Attention will be given to the origin of institutions in church and state.

63. **History of Europe, 1250-1556.** Spring. M. W. F., 9:30. Three hours credit. Snow.(Notgiventhisyear.)

The rise of cities and the growing power of the Third estate; the Renaissance and the Reformation; the influence of discovery, exploration, and cultural development.

70. **History of Europe, 1556-1776.** Autumn. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary ideas that challenged the traditional views in science, theology, economics, and politics, and a consideration of the conflicts resulting therefrom.

71. **Europe, 1776-1878.** Winter. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary movements in America and Europe; the American and French revolutions; the period of reaction and emergence of liberalism and nationalism. The period from 1848 to 1878 will be given special emphasis.

72. **Europe since 1878.** Spring. M. W. F., 2:30. Three hours credit. Snow.

A study of the spread of industrialism and the consequent imperialistic competition resulting in the World War. A concluding survey of international relations and the underlying forces that make for peace or war.

80. **History of the American West.** Autumn. M. W. F., 3:30. Three hours credit. Snow.

America the frontier of Europe. International rivalry for the Caribbean area; the Atlantic tide water and the Pacific Coast. Problems of the West to 1803.

81. **History of the West.** Winter. M. W. F., 3:30. Three hours credit. Snow.

The significance of the Frontier in the development of a distinctive Americanism; the West in national issues 1803-1861.

82. **History of the West.** Spring. M. W. F., 3:30. Three hours credit. Snow.

The development and colonization of the Trans-Mississippi, the Rocky Mountains, and the Pacific West 1803-1892. Special consideration will be given to the Mormon migration and the development of Utah.

95. **American History to 1789.** Autumn. T. Th., 2:30. Two hours credit. Jensen.

A study of colonial institutions and the constitutional relations between the colonies and the mother country; constitutional theories and principles involved in the Revolution; formation of the federal constitution.

96. History of the United States from 1789 to 1861. Winter. T. Th., 2:30. Two hours credit. Jensen.

A study of the organization of the new government; the problems of nationality and state rights; the problems involved in slavery and in the expansion of the nation.

97. History of the United States since 1861. Spring. T. Th., 2:30. Two hours credit. Jensen.

An examination of the theory of secession; constitutional aspects of the war power; the problem of reconstruction; industrial and economic expansion, insular possessions, the World War and its after effects.

Graduate Courses

110. History of England, 1066-1485. A study of the rise of the bourgeoise and the evolution of Parliamentary supremacy

111. History of England, 1485-1714. An intensive study of the evolution of cabinet government, or the Machine Age and its industrial and social consequences.

112. History of England, 1714-1934. Expansion and industrialism and the new economic doctrine of laissez-faire.

150. Early Oriental History. Problems of ancient civilizations.

151, 152, 153. History of Hebrew Civilization.

154. Grecian History. A study of important problems dealing with the development of Greek life and culture.

157. Roman History. Problems of agrarian reform and Roman imperialism.

162. Medieval History. The struggle between the empire and papacy, feudalism, monasticism, etc.

163. Medieval History. The growth of cities, rise of national monarchies, pre-reformation movement, etc.

170. **Modern History.** A new science and philosophy of the seventeenth and eighteenth centuries.

171. **Modern History.** The struggle between liberalism and conservatism in the nineteenth century.

172. **Modern History.** Some problems connected with the World War and intricate world relations since then.

180. **History of the West.** The West as a factor in international rivalry to 1763, and as a potential force in the American Revolution.

181. **History of the West.** The influence of the West in the opening of the Mississippi, the War of 1812, the American system, etc.

182. **History of the West.** The history of the Trans-Mississippi West, the Great Basin, etc.

195. **American History.** Problems of Colonial and Revolutionary history.

196. **American History.** Topics in the development of American political and historical institutions.

197. **History of the United States.** Problems in recent American constitutional history.

198. **Problems in Historical Research.**

200. **Research for Master's Thesis.**

HOME ECONOMICS

Assistant Professor Swenson; Professors Elliott, Larsen; Assistant Professor Barlow; Miss Billings, Miss Booth, Miss Warnick

It is advised that students of Home Economics take both major and minor in this department as this facilitates placement in teaching positions. Major and minor may be obtained in Clothing and Textiles, Foods and Nutrition, Household Administration, and General Home Economics teaching major.

All freshmen who expect to major in Home Economics are required to take Household Administration 5. All seniors are required to take Household Administration 73. All teaching majors are required to take Household Administration 71 and 72. Foods and Nutrition majors are required to take Chemistry 2, 3 and 94; Bacteriology 21 and 22; and Zoology 65. Clothing and Textile majors are required to take Art 21, 25 and 26, and Chemistry 2 and 3. Household Administration majors are required to take Art 21, 28, 29; Physics 11 and Chemistry 2 and 3.

CLOTHING AND TEXTILES

Clothing and Textiles 1, 2, 3, 5, 6, 60, 61, 65 and Chemistry 2 and 3 are required of all who major in Home Economics or in Clothing and Textiles. Other additional hours are elective with the advice of the major professor.

Lower Division Courses

1 or 70. Clothing Selection and Construction. Autumn. M. T. W. Th., Sec. 1, 8:30. Sec. 2, 2:30. Three hours credit. Billings.

Fundamental principles of clothing selection and construction. Emphasis on the development of skills and the use of commercial patterns. Prerequisite or parallel: Art 21.

2 or 71. Clothing Design and Construction. Winter. 8:30 and 2:30. Three hours credit. Billings. Prerequisite 1 or 70.

Design and pattern blocking, with aim to develop freedom in design and modification of patterns.

3 or 72. Clothing Selection and Construction. Spring, 8:30 and 2:30. Three hours credit. Billings. Prerequisite: 1 and 2.

Problems in selection and construction; emphasis on textiles, textures and artistic dress.

5. **Survey Course in Clothing Construction.** Autumn, Winter, Spring. M. T. W. Th., 10:30. Two hours credit. Billings.

Introducing problems involved in selection and construction of personal clothing.

10. **Dress Appreciation.** Autumn. M. W. F., 1:30. Three hours credit. Billings.

A study of the economic and artistic problems involved in purchase of ready-to-wear clothing; fashion trends, clothing care, etc.

Upper Division Courses

50. **Clothing Decoration.** Autumn. M. T. W. Th., 9:30. Two hours credit. Elliott.

Planning and developing simple decorative stitches applicable to household and dress decoration. Articles of clothing applying these stitches will be made.

51. **Practical Household Crafts.** Winter. M. T. W. Th., 9:30. Two hours credit. Elliott.

The decorative stitchery given in course 50 is applied on clothing and articles used in the home.

52. **Children's Clothing.** Spring. M. T. W. Th., 9:30. Two hours credit. Elliott.

A consideration of design and construction of children's clothing suitable to various ages and types.

55. **Advanced Garment Construction.** Autumn. T. Th., 1:30. Two hours credit. Elliott.

Practice in renovating and remodeling. The principles of tailoring and applying the same to clothing.

56. **Advanced Garment Construction.** Winter. T. Th., 1:30. Two hours credit. Elliott.

Problems involved in the technique of dresses, coats, and suits. Emphasis will be placed on the tailoring of these articles.

57. **Wardrobe Building.** Spring. T. Th., 1:30. Two hours credit. Elliott.

Planning and designing dainty clothing for a college girl's wardrobe. Emphasis is put on the finishings of trimmings and material.

60, 61. Textiles. Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott. Prerequisite: Chemistry 3.

History of primitive and modern methods of manufacturing textile fibers. The construction and finish of fabric and factors of quality and cost.

62. Economics of Clothing Selection. Spring. T. Th., 10:30. Three hours credit. Elliott.

Open to all students. Field trips to stores and industries to study material are part of this course. Lectures by specialists. Textile buying emphasized.

65. Historic Costume and Costume Design. Winter. M. W. F., 1:30. Three hours credit. Billings. Prerequisite or parallel: Art 21 and 25.

Historic development of fashion and fashion trends. Costume for school entertainment.

Note: Art Appreciation and General or European History are important background courses.

66. Costume Design. Spring. M. W. F., 1:30. Three hours credit. Billings.

A study of art principles and their application to costume design for general and specific types. Emphasis on original design by use of historic and current source material. Prerequisites: Clothing, 1, 2, 3, 65; Art 21 or 25.

Graduate Courses

160, 161. Textiles. Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott.

162. Economics of Clothing Selection. Spring. T. Th., 10:30. Three hours credit. Elliott.

FOODS AND NUTRITION

Foods and Nutrition 10, 11, 12, 50, 53, 54 are required of all who major in Home Economics or in Foods and Nutrition. Other additional hours are elective with the advice of the major professor.

Lower Division Courses

1. **Food Problems in the Home.** Autumn. T. Th., Lecture 2:30-3:30; Laboratory 3:30-5:30. Three hours credit. Johnson.

   For girls not majoring in home economics who desire some experience in the planning, preparation, and serving of adequate, well-cooked family meals.

2. **Food Problems in the Home.** Winter. T. Th. Lecture, 2:30-3:30. Laboratory, 3:30-5:30. Three hours credit. Johnson.

   A continuation of course 1. Planning a convenient kitchen; selection of kitchen equipment; preparation of luncheon dishes and the serving of luncheons at a limited cost.

3. **Food Problems in the Home.** Spring. M. W. Lecture, 2:30-3:30. Laboratory, 3:30-5:30. Three hours credit.

   A continuation of course 2. Preparation of dinner dishes and the planning, preparing, and serving of same. Three hours credit. Johnson.

Note: Courses 1, 2, and 3 may be taken in order but there are no prerequisites for them.

4. **Cookery Problems.** Autumn. M. W. F. One lecture and two laboratory periods. 7:30-8:30. Two hours credit. Warnick.

   For men desiring experience in simple meal preparation.

5. **Elementary Nutrition.** Winter. M. W. F., 10:30. Three hours credit. Warnick.

   The nutritive properties of common foods and the essentials of an adequate diet, with special attention to the diet of students. Open to men and women. Required of minors in Foods and Nutrition.

10 or 70. Food Selection, Preparation, and Serving. Autumn. M. W. Lecture 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Special attention is given to experimental cookery. A balanced diet with emphasis upon breakfast and dishes suitable to be served at this meal is considered.

11 or 71. Food Selection, Preparation, and Serving. Winter. M. W., Lecture 2:30-3:30. Laboratory. Sec. 1, T. Th., 8:30-10:30; Sec 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Prerequisite: course 10. Special emphasis on different luncheon dishes. Various types of luncheons are served.

12 or 72. Food Selection. Preparation and Serving. Spring. M. W. Lecture, 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Prerequisite: course 11. Special emphasis is placed on family table service. Dishes and menus for different types of dinners are studied.

15 or 75. Food Economics. Autumn. T. Th., 10:30. Laboratory in form of field trips. Three hours credit. Barlow.

Food marketing and purchasing. Principles underlying selection of materials and supplies, markets, advertising, and brands with reference to public economy and conservation.

Upper Division Courses

50. Institutional Management. Autumn, Winter, Spring. Daily, 10:30-1:30. Five hours credit. Swensen.

Practical laboratory experience in management of school cafeterias, quantity cookery, marketing, cafeteria accounting. Prerequisites or parallel courses, Foods and Nutrition 10, 11, 12, 52. Limited to six students each quarter. Register in the fall.

51. **Institutional Management and Accounting.** Autumn. M. W. F., 2:30. Three hours credit. Swensen.

Organization and management problems in school cafeterias and hospital dietary departments, including principles and current procedure in accounting and business. As to upper or lower division — it should rank with cafeteria—the two should be taken parallel if possible as they complement each other.

52. **Nutrition of Children.** Spring. M. W. F., 2:30. Three hours credit. Johnson.

Nutritional requirements and disorders of pregnancy, infancy, the pre-school and the school child.

53. **Nutrition.** Autumn. M. W. F., 9:30. Four hours credit. Barlow. Laboratory W. 2:30-5:30.

Prerequisites: Chemistry 3, 9, 34 and Foods and Nutrition 10, 11, 12. A study of the chemistry, digestion and metabolism of carbohydrates, fats, and proteins; the effect of food on health and growth.

54. **Dietetics.** Winter. M. W. F., 9:30. Laboratory W., 2:30-5:30. Four hours credit. Barlow.

Prerequisite: course 53. A study of minerals and their metabolism; vitamins and the deficiency diseases. The food requirements of the family and individual are considered.

55. **Nutrition in Disease.** Spring. M .W. F., 10:30. Laboratory, Wednesday 2:30-5:30. Four hours credit. Barlow.

Prerequisite: courses 53 and 54. This course deals with the value of food in maintaining health. Emphasis is placed on special diets for different diseases.

56. **Seminar in Nutrition.** Winter. Time to be arranged. Two hours credit. Barlow.

Required of all senior girls majoring in Foods and Nutrition.

57. Advanced Problems in Cookery. Winter. Time to be arranged. Two hours credit. Lecture and laboratory period. (Not given this year.)

58. Experimental Animal Nutrition. Open to seniors and graduates only. Prerequisite: 5 hours in organic or biochemistry and courses 53 and 54.

This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. (Not given this year.)

Graduate Courses

150. Large Quantity Cooking and Marketing. Autumn, Winter, Spring. Daily, 10:30-1:30. Five hours credit. Swensen.

153. Nutrition. Autumn. M. W. F., 9:30. Four hours credit. Laboratory. Th., 2:30-5:30. Barlow.

154. Dietetics. Winter. M. W. F., 9:30. Laboratory. Th., 2:30-5:30. Four hours credit. Barlow.

155. Nutrition in Disease. Spring. M. W. F., 9:30. Laboratory. Th., 2:30-5:30. Four hours credit. Barlow.

156. Seminar in Nutrition. Spring. T. Th., 10:30. Two hours credit. Barlow.

HOUSEHOLD ADMINISTRATION

Household Administration 12, 53, 54, 60, 61, 80, 81, 82, or 78 are required of all who major in Home Economics or Household Administration. Other additional hours are elective with the advice of the major professor.

Lower Division Courses

1. Household Problems. Autumn. T. Th., 8:30. Two hours credit. Warnick.

This course will present the most important problems in the organization and management of the household.

5 or 70. Vocational Survey of Field of Home Economics. Autumn. F., 3:30. One hour credit.

Members of Home Economics Faculty.

Vocational opportunities for home economics trained women are investigated and discussed. Required of all junior students, also seniors who have not previously had the course.

10. Family Health. Winter. T. Th., 8:30. Two hours credit. Warnick.

A consideration of factors underlying health; common communicable diseases and their treatment; home care of the sick.

12 or 62. Family Relationships. Spring. M. W. F., 8:30. Three hours credit. Warnick.

The modern family, its functions and structure; modern social conditions affecting its stability and pattern; responsibilities and contributions of members of the family. Open to men and women.

Upper Division Courses

52, 53, 54. Interior Decoration. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Larsen. Prerequisites: Art 21, 28, 29. (See Art 91, 92, 93.)

60. Home Management. Spring. M. W. F., 2:30. Three hours credit. Swenson.

The study of the organization and management of the home, including home ideals, methods of work, division of time in the household and household tools.

61. Economics of the Household. Winter. M. W. F., 2:30. Three hours credit. Swenson.

A study of the family income and its expenditure. Prerequisite: Sociology 11 or Economics 1.

63. Standardization of Consumer's Goods. Winter. M. W. F., 8:30. Three hours credit. Warnick.

Considers the position of the consumer-buyer today; the nature of standards and standardization; the process, and present status of standardization.

64. Housing Problems of the Modern Family. Autumn. M. W. F., 8:30. Three hours credit. Warnick.

This course will aim to present and discuss problems facing the homemaker today in the selection of shelter for the family.

65. Equipment. Spring. M. W. F., 10:30. Three hours credit. Barlow.

A study of electrical and non-electrical equipment for the home. Fundamental factors determining selection and use.

66. Home Laundry. Autumn. T. Th., 9:30. Two hours credit. Warnick. (Not given this year.)

Location of and equipment of the home laundry. Supplies and methods. Treatment of various textiles. Costs.

71. Methods of Teaching Home Economics. Spring. T. Th., 7:30. Two hours credit. Booth.

The historical development, growth; present scope and trend; objectives of home economics education; its organization and relation to the present educational set-up.

72. Methods of Teaching Home Economics. Autumn. T. Th., 7:30. Two hours credit. Booth.

Teaching methods as applied to home economics curriculum content; equipment and teaching facilities; laboratory arrangement and management.

73. Seminar. Spring. Th., 8:30. One hour credit. For all senior majors. Swenson

78. Psychology of Childhood and Adolescence. Winter. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 72.)

79. Mental Hygiene. Autumn. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 71.)

80. Child Care. Autumn. M. W. F., 1:30. Three hours credit. Warnick.

Problems of parental and infant care; physical and mental standards of development; general care and hygiene of mother and child.

81. **Child Development.** Winter. M. W. F., 1:30. Three hours credit. Warnick.

Habit formation and behavior problems of the infant and pre-school child; home influence in the care and training of children; mental hygiene, observation of children in the home.

82. **Seminar in Child Development.** Spring. T., 8:30. One hour credit. Warnick.

Graduate Courses

160. **Home Management.** Spring. M. W. F., 2:30. Three hours credit. Swenson.

161. **Economics of the Household.** Winter. M. W. F., 2:30 Three hours credit. Swensen.

164. **Housing Problems of the Family.** Autumn. M. W. F., 8:30. Three hours credit. Warnick.

173. **Seminar.** Spring. Th., 8:30. One credit hour. Swenson.

180. **Child Care.** M. W. F., 1:30. Three hours credit. Warnick.

181. **Child Development.** Winter. M. W. F., 1:30. Three hours credit. Warnick.

182. **Seminar in Child Development.** Spring. T., 8:30. One hour credit. Warnick.

HORTICULTURE

Professor Morris; Mr. Fullmer.

Students majoring in Horticulture are required to take the following courses: 1, 2, 3, 8, 10, 53, 59, and 80.

Lower Division Courses

1. **Principles of Pomology.** Autumn. M. W. F., 9:30 Three hours credit. Morris.

The principles underlying profitable orchard management. History of orcharding, methods of planting, selection of locations and sites, marketing, storage, harvesting, thinning, proper care of trees.

2. **Elements of Vegetable Production.** Winter. M. W., 8:30. Three hours credit. Fullmer.

Fundamental principles underlying the production of vegetable crops.

3. **Plant Propagation.** Winter. T. Th., 9:30. Laboratory W., 2:30-5:30. Three hours credit. Morris.

Sexual and asexual means of propagation studied. Spores, seeds, grafting, budding, cutting, layering, separation. (See Landscape Architecture 3.)

4, 5. **Ornamental Herbaceous Plant Materials.** Autumn, Winter, Spring. T., 1:30. One hour credit each quarter. Morris. (See Landscape Architecture 4,5.)

Annual and perennial flowering plants used in landscape design will be studied. Cultural methods, and insects and disease pests of each will be also considered.

6. **Ornamental Herbaceous Plant Materials.** Spring. T. Th., 1:30. Two hours credit. Morris. (See Landscape Architecture 6.)

Annual and perennial flowering plants used in landscape design will be studied.

7. **Small Fruits.** Winter. W. F., 9:30. Three hours credit. Fullmer.

A study of varieties, propagation, cultural methods, pruning, training, insect and disease control, and harvesting of small fruits.

8. **Ornamental Woody Plant Materials.** **Autumn. T. Th.,** 8:30; Laboratory 2:30-5:30. Three hours credit. Morris. (See Botany 8.) (Not given this year.)

Ornamental shrubs and trees used in landscape design will be studied. The student will learn to identify a large number, and also to control various pests that attack them.

9. **Ornamental Woody Plant Materials.** Spring. T. Th., 8:30; Laboratory 2:30-5:30. Three hours credit. Morris. (See Botany 9.) (Not given this year.)

This course is a continuation of Horticulture 8.

20. **Theory and Practice of Landscape Design.** Spring. T. Th., 9:30. Laboratory T., 2:30-5:30. Three hours credit. Morris. (See Landscape Architecture 20.)

32. **Marketing Fruits and Vegetables.** Spring. M. W. F., 8:30. Three hours credit. (Not given this year.)

Problems dealing with the transportation, marketing and storage of fruits and vegetables. Particular emphasis will be placed upon marketing methods and specific marketing problems.

Upper Division Courses

51. **Origin and History of Cultivated Plants.** Winter. T. Th., 8:30. Two hours credit. Morris (Not given this year.)

Study of origin of species and varieties. Changes and adaption of plants. Interesting historical facts of plants.

52. **Systematic Pomology.** Autumn. T. Th., 1:30. Laboratory F., 2:30-5:30. Two or three hours credit. Fullmer.

Emphasis placed on the identification, description, and nomenclature of fruits and fruit trees.

53. **Fundamentals of Fruit Production.** Spring. M. W. F., 1:30. Three hours credit. (Not given this year.)

A technical course based upon plant physiology and morphology as applied to fruit production. Prerequisites: Agronomy 41 and Botany 60.

54. **Truck Gardening.** Spring. T. Th., 2:30. Two hours credit. Fullmer.

A study of large scale production for canning factories, special and general markets.

55. **Practical Problems in Horticulture.** Spring. Laboratory course. Time to be arranged. One hour credit.

A study of horticultural problems in Utah. Orchards and plantations will be visited and studied.

59. **Plant Breeding.** Winter. M. W. F., 1:30. Three hours credit. Morris.

A study of plant genetics in relation to improvement of plants. Methods of hybridizing and selection as practiced in Europe and America.

60. **Floriculture.** Autumn. M. W. F. Fullmer.

The production of flowers with special reference to home culture and use.

80. **Vegetable Physiology.** Winter. M. W. F., 2:30. Three hours credit. (Not given this year.)

Ecological and physiological factors underlying the production, preparation for market, and storage of vegetable crops. Prerequisites: Agronomy 41 and Botany 60.

91, 92, 93. **Seminar. Autumn,** Winter, Spring. One hour credit each quarter. Time to be arranged.

A study of the research work being done at the various experiment stations. For seniors majoring in Horticulture.

Graduate Courses

102. **Research.** Time and credit to be arranged.

Students who are qualified are required to do some horticultural research problems.

120. Methods in Biological Research. Winter. T. Th., 2:30. Two hours credit. (Not given this year.)

Analysis of research methods, field plot technique and organization and prosecution of a thesis.

153. Advanced Fruit Production.

180. Advanced Vegetable Physiology.

JOURNALISM

Professors H. R. Merrill, J. M. Jensen; Eastmond, Johnson; Associate Professor Hales; Assistant Professor E. M. Jensen; Mr. Culmsee; Mr. Christensen.

English 1, 2, and 3 are prerequisites for all courses in Journalism with the exception of Courses 1 and 5 which may be taken concurrently with those courses.

Students who elect to major in Journalism must present thirty hours of credit in Journalism and thirty hours in English. The following subjects are required. Journalism 1, 2, 3, 4, 6, 51, 52 or 53, 54, 59, 65.

The following are suggested as minors in Journalism: Accounting and Business Administration, Art, Economics, History, Office Practice, Political Science, Sociology.

All majors in Journalism must be able to operate a typewriter.

Lower Division Courses

1. **History of Journalism.** Spring. T. Th., 10:30. Two hours credit. Merrill.

This course will include a study of the development of the English as well as the American press, but will lay special emphasis upon recent times and movements.

2. **News and Newswriting.** Autumn. M. W. F., 8:30. Three hours credit. Culmsee.

A course in the study of what constitutes news as well as practice in gathering and writing news copy.

3. **Reporting.** Winter. Time to be arranged. Two hours credit. Merrill and Culmsee. Prerequisite: Journalism 2.

Methods of gathering and reporting news. Students will gather news in the regular channels in the City of Provo and will have experience in reporting for the daily press. Meetings for lectures will be arranged.

4. **Editing and Makeup.** Winter. M. W. F., 8:30. Three hours credit. Culmsee. Prerequisite: Journalism 2.

A study of and practice in copy reading, editing, newspaper makeup, and headline writing.

5. **College Journalism.** Autumn. Time to be arranged. One hour credit. Culmsee. Limited to Y News Staff.

6. **Ethics of Journalism. Autumn.** T. Th., 8:30. Two hours credit. Jensen.
A study of the moral aspects of Journalism—ideals and abuses.

14, 15, 16. Commercial Art. Autumn, Winter, Spring. Jensen. (See Art 14, 15, 16,) One to two hours credit each quarter.

17, 18, 19. Process Illustration. Autumn, Winter, Spring. Eastmond. (See Art 17, 18, 19.) Two to four hours credit each quarter.

21. **Problems of Citizenship.** Winter. Miller. (See Political Science 21.) Two hours credit.

26. **Photography.** Spring. Lecture T. and Th., 7:30. Laboratory. Time to be arranged . Three hours credit. Hales. (See Physics 26.)

Upper Division Courses

51. **Editorials and Editorial Writing.** Winter. T. Th., 2:30. Two hours credit. Merrill.
A study of the editorial and practice in writing it.

52. **Special Feature Articles.** Spring. M. W. F., 8:30. Three hours credit. Culmsee. Prerequisite: Journalism 2, or the permission of the instructor.
A study of newspaper and magazine special feature articles, types, and sources. Help will be given in planning and marketing the article.

53. **Writing for the Magazines.** Autumn. T. Th., 2:30. Two hours credit. Merrill. Prerequisite: Consultation with the instructor.
This course is designed for those who have some hope of making writing for the press either their vo-

cation or an important avocation. All types of magazine materials and markets will be studied.

54. Book Reviewing. Autumn. T. Th., 9:30. Two hours credit. Jensen. Prerequisite: Journalism 2 or 3, or English 12.

A study of current books, both fiction and non-fiction, and practice in reviewing them.

59. Advertising. Spring. Johnson. (See Marketing 59.) Four hours credit.

Arrangements for Journalism majors to enter this course must be made through the Division of Journalism.

60. Problems of the Weekly Paper. Spring. T. Th., 2:30. Two hours credit. Merrill. Prerequisite: Journalism 2 or 4.

A study of the country weekly, its place in American life, and its possibilities.

61, 62, 63. Commercial Art. Autumn, Winter, Spring. Jensen. (See Art 61, 62, 63.) Two to four hours credit each quarter.

65. Technique of Publicity. Spring. T. Th., 8:30. Two hours credit. Culmsee. Prerequisite: Journalism 2 or 3.

A study of the approach to the public consciousness through the newspaper, the lecture, the radio address—in fact, a study of the purposes and means of publicizing

87. Teaching of Journalism. Spring. T. Th., 3:30. Two hours credit. Merrill.

This course is designed for English and Journalism majors who expect to teach in high school. It will include problems of supervision. Prerequisite: Journalism 2 or 4.

97, 98, 99. Recent Social Trends. Christensen. (See Sociology 97, 98, 99.) Two hours credit each quarter.

LANDSCAPE ARCHITECTURE

Professor Morris; Assistant Professors Shaw, Snell.

Lower Division Courses

1. **History of Landscape Architecture.** Winter. M. W. F., 8:30. Three hours credit. Morris.

   Contributions of various civilizations from ancient Egypt to the present will be discussed. Emphasis on Italian Renaissance, English, French, and American styles.

2. **Elements of Drawing.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell. (See Drawing 2.)

3. **Plant Propagation.** Winter. T. Th., 9:30. Laboratory W., 2:30-5:30. Three hours credit. Shaw.

   (See Horticulture 3.)

4, 5. **Ornamental Herbaceous Plant Materials.** Autumn and Winter. T., 1:30. One hour credit each quarter. Morris. (See Horticulture 4, 5.)

6. **Ornamental Herbaceous Plant Materials.** Spring. T. Th., 1:30. Two hours credit. Morris. (See Horticulture 6.)

8, 9. **Ornamental Woody Plant Materials.** Autumn and Spring. T. Th., 8:30. Lab. T., 2:30 to 5:30. Three hours credit each quarter. Morris. (See Horticulture 8 and 9.) (Not given this year.)

10. **Landscape Architectural Drawing.** Autumn. T. Th., 2:30-5:30. Two hours credit. Morris.

    The pictorial representation of landscape features, including perspective, light and shade and lettering.

20. **Theory and Practice of Landscape Architecture.** Spring. T. Th., 9:30. Laboratory T., 2:30-5:30. Morris.

    A general course for students not majoring in landscape architecture. Home grounds are the chief consideration of the course.

21. **Theory of Design.** Autumn. M. W. F., 8:30. Three hours credit. Morris.

Principles of design and composition as applied to landscape architecture. Unity, harmony, balance, repetition, etc. A foundation to all courses in landscape architecture.

24. Landscape Design. Winter. **M. W. F., 2:30-5:30.** Three hours credit. Morris.

The design of gardens and private grounds on flat surfaces. A fundamental course to all landscape design. (Prerequisite: course 21.)

25. Landscape Design. Spring. M. W. F. Three hours credit. Morris.

Designing land surfaces to fit the setting. Private and public grounds considered. (Prerequisite: course 24.)

Upper Division Courses

51. Planting Design. Winter. Th. F., 2:30-5:30. Two hours credit. Morris.

Planting plans for gardens and grounds studied in 23, 24, 25 will be made. Plant compositions emphasized. Prerequisite courses: 4, 5, 6, 8, 9, and 23.

52. City Planning. Winter. T. Th., 10:30. Two hours credit. Morris **(Not given this year.)**

The history of various types of city plans; advantages and disadvantages. Emphasis on Salt Lake City, Washington, D. C., and Paris. The small city studied.

60, 61, 62. Architectural Design. Autumn, Winter, Spring. T., 2:30-5:30. One hour credit each quarter. Morris.

Designs of such architectural features as used in the landscape will be studied and made by students. Pergolas, arbors, retaining walls, garden houses, etc.

70. Landscape Engineering. Autumn. T. Th., 9:30. Laboratory Th., 2:30-5:30. Three hours credit. Morris.

Grades and grading as applied to land surfaces, roads and walks form the major part of the course. Simple structures also considered. Prerequisite: Surveying.

80, 81, 82. Advanced Landscape Design. Autumn, Winter, Spring. M. W., 2:30-5:30. Two hours credit each quarter. Morris.

The design of private and public grounds in relation to topography and natural features studied. Units of design will largely be determined by landshapes and surfaces. Prerequisites: Courses 21, 24, 25, and 70.

90. Modeling. Winter. T. W. Th., 9:30. One hour credit. Morris.

Landscape units modeled in miniature with plastelene, artificial trees, shrubs, grass, etc. This is a means of visualizing landscape compositions and topography.

Graduate Courses

101. Special Problems in Design. Autumn, Winter, Spring. Time and credit to be arranged. Morris.

This is a continuation of lower and advanced courses in design. It will be necessary for students who take this course to reside in Los Angeles for at least one month.

151. Planting Design.

170. Landscape Engineering.

180, 181, 182. Advanced Landscape Design.

LIBRARY

Miss Ollorton, Mrs. Gillespie, and Mrs. Brown.

11. Use of Books and Libraries. Autumn, Winter, or Spring. Th., 3:30. One hour credit.

The purpose of this course is to help students to become efficient in using books and libraries. The use of reference books and an understanding of the card catalog will receive special emphasis.

MATHEMATICS

Professors Eyring, Marshall; Associate Professor Hales.

Students who major in Mathematics have the following courses prescribed: Mathematics 11, 12, 49, 50, 51, 52, 71, 72.

Lower Division Courses

11. College Algebra. Autumn. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Eyring and Marshall.

A study of fractions, exponents and radicals, quadratic equations, logarithms, elementary series, determinants, etc.

12. Plane Trigonometry. Winter. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Eyring and Hales.

13. Graphical and Statistical Methods. Spring. Daily, 9:30. Five hours credit. (Not given this year.)

The graphical representation of data, method of averages, measurement of variability, correlation, probable errors, etc.

35. Mathematical Theory of Investments. Spring. M. W. F., 2:30. Three hours credit. Eyring. (See Accounting and Business Administration 56.)

Application of Algebra to general business problems, such as annuities, amortization, capitalization, depreciation, sinking fund. bond values and building and loan associations.

49. Analytic Geometry. Spring. Daily, 8:30. Five hours credit. Eyring.

A study of rectangular co-ordinates, straight line, circle, parabola, ellipse, hyperbola, transfer of co-ordinates, etc. Prerequisites: Mathematics 11 and 12.

Upper Division Courses

50. Differential Calculus. Autumn. M. T. W. Th., 9:30 Four hours credit. Marshall.

An introductory course with numerous applications of the principles to tracing of curves, and the solution of problems from geometry and mechanics. Prerequisite: Mathematics 49.

51. **Integral Calculus.** Winter. M. T. W. Th., 9:30. Four hours credit. Marshall.

The purpose and nature of integration is developed. Principles applied to problems in geometry, mechanics, and physics.

52. **Advanced Calculus.** Spring. M. T. W. Th., 9:30. Four hours credit. Marshall.

Development of the definite integral as a sum, together with development of the more theoretical aspects of the differential calculus.

71. **Differential Equations.** Autumn. M. W. F., 9:30. Three hours credit. Eyring

Differential equations of the first order, linear differential equations, total and partial differential equations with numerous applications to physics. Junior or senior year. Prerequisite: Mathematics 52.

72. **Differential Equations.** Winter. M. W. F., 9:30. Three hours credit. Eyring. Continuation of 71.

81. **Theoretical Mechanics.** Autumn. M. W. F., 10:30. Three hours credit. Marshall.

Fundamental principles of mecnanics and their applications to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

82. **Dynamics.** Winter. M. W. F., 10:30. Three hours credit. Marshall.

The application of d'Alembert's principle, generalized coordinates, the Lagrangian and canonical equations, Hamilton's principle, etc. Prerequisites: Mathematics 71, 72, 81.

Graduate Courses

101. **Vector Analysis.** Winter. M. W. F. Three hours credit. Marshall. (Not given this year.)

Fundamental operations of vector analysis.

102. Vector Analysis. Spring. M. W. F. Three hours credit. Marshall. (Not given this year.)

Application of vector analysis to mechanics, electromagnetic theory, and other branches of mathematical physics.

105. Advanced Calculus. Autumn. Daily, 2:30. Five hours credit. Marshall.

A review of the fundamental theory of the calculus presented with a view to precision of statement and accuracy of proof. Prerequisite: Mathematics 72.

106. Advanced Calculus. Winter. Daily, 2:30. Five hours credit. Marshall.

Theory of differential equations, study of simple integrals, multiple integrals, and infinite integrals.

107. Advanced Calculus. Spring. Daily, 2:30. Five hours credit. Marshall.

Study of some classes of functions defined by integrals; introduction to calculus of variations, and theory of functions.

Note: Courses 105, 106, and 107 will follow an outline somewhat as given in Wood's "Advanced Calculus."

171. Differential Equations. Autumn. M. W. F., 9:30. Three hours credit. Eyring

172. Differential Equations. Autumn. M. W. F., 9:30. Three hours credit. Eyring.

192. Readings in Mathematics. Credit, one to three hours, depending on the work done. Marshall.

200. Thesis in Mathematics. Credit to be arranged.

MECHANIC ARTS

Professors Hansen, Eastmond, Larsen; Assistant Professor Snell; Mr. Bigelow.

For mechanic arts teachers, it is advised that both major and minor be taken in this department.

Credit in shop courses in Mechanics is given on the basis of three hours for nine hours application each week during the quarter.

MECHANICS

Lower Division Courses

1. **Art Medal Work.** Winter. M. W. F. Two hours credit. Snell. Prerequisite: Drawing 1.

2. **Art Leather Work.** Spring. M. W. F. Two hours credit. Snell. Prerequisite: Drawing 1.

4. **Shop Practice.** Autumn. Daily, 1:30-3:30. Three hours credit. Snell.

   The making of projects suitable for junior and senior high school instruction in sheet metal, cold iron, and electrical lighting circuits, buzzers, bells, heating elements, etc.

5. **Ornamental Iron Work.** Autumn. T. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

   Craftsmanship in wrought iron work. Designing, cutting, sawing, bending, drilling, tapping, threading, finishing, etc. Lectures and outside preparation.

6. **General Construction.** Autumn, Winter, Spring. Daily, 1:30-3:30 or 3:30-5:30. Three hours credit. Snell.

   Review of tool processes and tool sharpening, survey of common building materials, billing and ordering, cement forming and framing applied in simple structures.

7. **Tool Technique.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Required of all mechanics majors. Sharpening, care and use of woodworking hand tools, applied in fundamental principles of sawing, joining, fitting, fastening, etc.

11. **Elementary Auto Mechanics.** Autumn. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction of the automobile and an elementary study of the principles involved. Lubrication, assembling and repairing of brakes, rear axles, transmission systems and engines.

12. **Elementary Auto Mechanics.** Winter. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction and adjustment of carburetors and ignition system.

13. **Elementary Auto Mechanics.** Spring. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Ignition, timing, "trouble shooting," battery work and starting and lighting systems.

17. **Wood Turning.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Exercises and projects in wood turning executed through individual designs.

18. **Pattern Making.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

The principles of pattern making are taught through the making of simple patterns for machine parts.

19. **Wood and Metal Finishing.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Preparation of surfaces for the application of finishes. Staining, painting, varnishing, lacquering, polishing, etc. Use of the brush and air gun.

21. **Upholstering and Seat Weaving.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Typical forms of upholstery, including foundations with and without springs. Seat and panel weaving with cane and fiber.

23. **Cement.** Spring. M. T. W. Th., 3:30-5:30. Three hours credit. Snell.

Cement, mixes, tests, forming, finishing, etc, in structural and ornamental projects.

27. **Cabinet Construction.** Autumn. M. T. W. Th., 1:30-3:30, 3:30-5:30. Two or three hours credit. Snell.

Drawings are submitted and the article is made to conform to these. Woods commonly used in cabinet work are studied as to their adaptability and finishing qualities; veneering, inlaying and polishing.

28. **Cabinet Construction.** Winter. M. T. W. Th. Snell. Continuation of 27.

29. **Cabinet Construction.** Spring. M. W. F., 1:30-3:30. Snell.

Continuation of 28.

Upper Division Courses

51. **Ignition.** Autumn. Daily, 3:30-5:30. Two or three hours credit. Bigelow.

Battery, vibrator, and magneto ignition. Study and practice of the principles involved in testing for troubles and making adjustments.

52. **Generators and Starting Motors.** Winter. Bigelow. Hours and credits as in 51.

The working principles of the dynamo, and testing for shorts and open circuits. Reverse current cutouts, types of generator regulation as third brush control systems and generator output.

53. **Machine Work and Welding.** Spring. Bigelow. Hours and credit the same as in 51.

Drill-press, lathe, and planer work. Principles of cutting tools, forging and tool sharpening. The use of the torch in cutting and welding.

57. **Standard Construction Methods.** Autumn. M. W. F., 8:30. Three hours credit. Snell.

This course deals with the theoretical side of building. Location, soil conditions, footings, materials, equipment, etc.

58. **Carpentry.** Autumn, Winter, Spring. M. T. W. Th., 3:30-5:30. Three hours credit. Snell.

Thorough drill in saw filing. Tool practice applied in practical problems. Fitting and hanging of doors and windows, built-in cabinets, stair construction and framing. Prerequisite: Course 7, and Drawing 13.

59. **Estimating.** Spring. M. W. F., 8:30. Three hours credit. Snell.

Interpretation of plans and specifications. Methods of estimating and figuring costs of material and labor. Permits, contracts, liens. Prerequisite: Drawing 13.

64. **Mill Work—Woodworking Machinery.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Work will be handled as nearly as possible as in actual practice. Estimates and working drawings will be made and a careful check of material and labor kept and computed for each job.

65, 66, 67. **Shop Work.** Autumn, Winter, Spring. Two or three hours credit. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Snell. Prerequisites: Courses 57, 58, 59, or their equivalents.

Advanced work, consisting of the erection of buildings, cabinet work, upholstery, pattern work, or novelty work.

DRAWING

While courses are listed according to quarters, any course may be taken any quarter, provided prerequisites have been met.

Lower Division Courses

1. **Theory and Practice of Design.** Autumn. M. W. F., 1:30. Two hours credit. Eastmond and Larsen. (See Art 21.)

2. **Elements of Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

   This course is designed to give facility in lettering, drawing of simple working drawings, charts, graphs, making sketches and reading drawings.

3. **Free-hand Lettering.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

   Practice in lettering as applied in architectural and engineering office work.

4. **Engineering Drawing.** Autumn, Winter, Spring. Daily. 9:30 or 10:30. One to three hours credit. Snell.

   The care and use of instruments, lettering, applied geometry, and orthographic projection.

5. **Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. One to three hours credit Snell.

   Pictorial representation, developed surfaces, intersections, and working drawings. Prerequisite: Drawing 4 or equivalent.

6. **Descriptive Geometry.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

   A study of the principles relating to the point, line plane, cylinder, cone and double-curved surfaces of revolution, with application to practical problems. Prerequisites: Drawing 4 and 5.

8. **Elementary Machine Design.** Autumn. Daily, 9:30 or 10:30. Two hours credit. Snell.
Drawing of machine fastenings, such as bolts, screws, rivets, keys, etc. Dimensionings, working drawings and technical sketching. Detail and blueprints. Prerequisites: Drawing 4, 5, 6.

9. **Elementary Machine Design.** Winter. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 8.

10. **Shades and Shadows.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Planned to give fundamental knowledge necessary for casting shadows in architectural design.

11. **Instrumental Perspective.** Autumn, Winter, or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
The theory and application of methods of drawing architectural perspectives. Prerequisites: Drawing 4, 5 and 6, or equivalent.

12. **Rendering.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Wash rendering practice plates and rendering of architectural elements.

13. **Architectural Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Drawing of plans, elevations, and details of different types of buildings. Tracing and blue-printing. Prerequisites: Drawing 4. 5 and 6, or equivalent.

14. **Architectural Drawing.** Winter. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 13.

15. **Architectural Drawing.** Spring. Daily. 9:30 or 10:30. Two hours credit.
Continuation of 14.

16, 17, 18. **Architectural Design.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Extra laboratory period arranged any afternoon. Two or three hours credit each quarter. Snell.

A series of order problems involving the study of the principles of composition. Problems similar to Class B Analytiques of the Beaux-Arts Institute of Design will be followed. Prerequisites: Drawing 6, 10, 11, 12.

19. **Topographical Drawing.** Autumn, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practical elementary work in topographical drawing. Mapping and plotting from field notes.

Upper Division Courses

51, 52, 53. **Architectural Design.** Autumn, Winter, Spring. Daily, 9:30-10:30. Extra laboratory periods arranged any afternoon. Three hours credit each quarter. Snell.

Designing, rendering, detailing, tracing, and blueprinting. A complete set of plans with one display drawing each quarter. Prerequisites: Drawing 16, 17 and 18.

ENGINEERING

Drawing 4, 5, 6, and Mechanics 7, 18, 51, 52, 53, 57, 59 are required of all pre-engineering students.

Lower Division Courses

1, 3. **Elementary Surveying.** Autumn and Spring. M. W. F., 3:30. Three hours credit each quarter. Prerequisites: Trigonometry and Drawing 4, 5, 6.

Methods of using the compass, tape, level and transit in making plain surveys, differential leveling, profile and cross-section work, curves, grades, computation, and platting.

Upper Division Courses

63. **Irrigation and Drainage.** Autumn. M. W. F., 1:30. Three hours credit. (See Geology 63.)

91. **Economic Geology.** Spring. Daily, 10:30. Five hours credit. Hansen. (See Geology 91.)

94. **Plane Table Surveying.** Spring. M. W. F., 3:30. Two hours credit. Hansen and Snell. (See Geology 191 and Drawing 19.)

MODERN AND CLASSICAL LANGUAGES

Professors Cummings, De Jong; Associate Professor Sperry; Assistant Professor Swensen; Mrs. Roberts, Miss Osmond, Mr. Broadbent, Mr. Richardson, Mr. Hacking, Miss Riordan.

The department offers in French, Spanish and German programs leading to a teaching minor and a teaching major; and, in French and German, graduate programs leading to a Master of Arts degree. Students specializing in this field are advised to offer two units of high school work in the chosen language. Graduate majors are advised to offer Latin.

For a minor the following program is required: Courses 1-3 (or two units of high school work in the language), 51-53, 54-56, 61-63, 81 and Phonetics 42.

For a major the following program is required: All the courses required for a minor, and in addition courses 71-73, 82, 83.

For a Master of Arts degree in French or German, 40 hours of undergraduate work in the language is prerequisite. The following requirements are made: 1. The passing of a qualifying examination in the language and literature to be studied as well as in the field of general culture. 2. The satisfactory completion of 24 hours of work in the chosen language. 3. A final written examination on this work. 4. The oral examination given under the direction of the Graduate School. 5. Courses covering the general field of the literature and elementary philology. 6. A satisfactory thesis either in the field of philology or of literature.

FRENCH

Lower Division Courses

1, 2, 3. First Year French. Autumn, Winter, Spring. Daily, 9:30, 10:30 ,and 1:30. Five hours credit each quarter. Cummings, Osmond, Roberts.

Designed for those who have had no French. Pronunciation, reading, the fundamentals of grammar, and the building of a substantial reading vocabulary.

Upper Division Courses

51, 52, 53. Second Year French Grammar and Composition. Autumn, Winter, Spring. M. W. F., 2:30. Two hours credit each quarter. Roberts. Prerequisite: French 3 or two units of French in high school.

Review of grammar. Conversation and composition.

54, 55, 56. Second Year French Reading. Autumn, Winter, Spring. M. W. F., 10:30 and 2:30. Three hours credit each quarter. Roberts and Cummings. Prerequisite: French 1, 2, 3, or two units of French in high school.

The various language skills, viz., reading, under standing, speaking and grammar. Reading both intensive and extensive.

61, 62, 63. Third Year French Composition and Conversation. Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Roberts. Prerequisite: Thirty hours of French or the consent of the instructor.

71, 72, 73. Introduction to French Literature and Culture. Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit. Roberts. Prerequisite: Thirty hours of French or the consent of the instructor.

A general view of the literary periods, movements, and social background, with representative readings.

81. Methods of Teaching Modern Languages. Autumn. T. Th., 2:30. Two hours credit. Cummings. Prerequisite. Phonetics 42, Principles of Education and General Methods in Secondary Schools.

82, 83. French for Teachers. Winter, Spring. T. Th., 2:30. Two hours credit. Cummings.

Problems of French pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the French language.

Graduate Courses

101, 102, 103. French Composition. Autumn, Winter, Spring. M. Th., 8:30. Two hours credit each quarter. Cummings.

110. Introduction to Romance Philology. Autumn, T. F., 8:30. Two hours credit. Cummings.

111. Introduction to Old French. Winter. T. F., 8:30. Two hours credit. Cummings.

112. Old French Literature. Spring. T. F., 8:30. Two hours credit. Cummings.

121, 122, 123. French Novel from 1800 to the Present. Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)

131, 132, 133. French Drama from 1800 to the Present. Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)

141. Corneille. Autumn. T. Th., 10:30. Two hours credit.

142. Racine. Winter. T. Th., 10:30. Two hours credit.

143. Moliere. Spring. T. Th., 10:30 Two hours credit.

171, 172, 173. French Literature of the Seventeenth, Eighteenth and Nineteenth Centuries. Autumn, Winter, Spring. T. Th., 2:30. Two hours credit each quarter. Roberts.

181. Methods of Teaching Modern Languages. Autumn. T. Th., 2:30. Two hours credit. Cummings.

182, 183. French for Teachers. Winter, Spring. T. Th., 2:30. Two hours credit. Cummings.

Problems of French pronunciation, grammar, versification, reading, etc. An introduction to the history of the French language.

200. Research for Master's Thesis.

SPANISH

Lower Division Courses

1, 2 .3. First Year Spanish. Autumn, Winter, Spring. Daily, 2:30. Five hours credit each quarter. Richardson.

Designed for those who have had no Spanish. Pronunciation, reading, and the fundamentals of grammar. Special emphasis on the building of a substantial reading vocabulary.

Upper Division Courses

51, 52, 53. Second Year Spanish Grammar and Composition. Autumn, Winter, Spring. M. W. F., 1:30. Two hours credit each quarter. Richardson. Prerequisite: Spanish 3 or two units in high school.

Review of grammar. Composition and conversation.

54, 55, 56. Second Year Spanish Reading. Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Hacking. Prerequisite: Spanish 3, or fifteen hours of Spanish or two units of Spanish in high school.

The various language skills, viz., reading, understanding, speaking, grammar. Reading intensive and extensive.

61, 62, 63. Third Year Spanish Composition and Conversation. Autumn, Winter, Spring. T. Th. Three hours credit each quarter. Cummings. Prerequisite: Thirty hours of Spanish. (Not given this year.)

71, 72, 73. Introduction to Spanish Literature and Culture. Autumn, Winter, Spring. T. Th., 1:30. Three hours credit. Cummings. Prerequisite: Thirty hours of Spanish or the consent of the instructor.

81. Methods of Teaching Modern Languages. Winter. T. Th., 2:30. Two hours credit. Cummings. Prerequisite: Phonetics 42.

Designed for language majors in their senior year and should follow work in Principles of Education and General Methods in Secondary Schools.

82, 83. Spanish for Teachers. Winter, Spring. T. Th., 2:30. Two hours credit. Cummings. (Not given this year.)

Problems of Spanish pronunciation, grammar, reading, versification, etc. A brief introduction to the history of the Spanish language.

ITALIAN

Lower Division Courses

1, 2, 3. Elementary Italian. Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Cummings.

Introduction to the elements of grammar. Special attention to accurate pronunciation for the benefit especially of students of vocal music. Easy reading. (Not given this year.)

GERMAN

Lower Division Courses

1, 2, 3. First Year German. Autumn, Winter, Spring. Daily. 8:30 and 9:30. Five hours credit. Broadbent and De Jong.

Designed for those who have had no German. Pronunciation, reading, and the fundamentals of grammar, the building up of a substantial reading vocabulary.

Upper Division Courses

51, 52, 53. **Second Year German Grammar and Composition.** Autumn, Winter, Spring. T. Th., 8:30. De Jong. Prerequisite: German 3 or two units of German in high school.

Review of grammar. Composition and conversation.

54, 55, 56. **Second Year German Reading,** Autumn, Winter, Spring. M. W. F., 8:30 and 3:30. Three hours credit each quarter. Osmond. Prerequisite: German 3 or fifteen hours of German, or two units of German in high school.

Comprehensive study of grammar. Conversation and composition. Reading from the general field.

61, 62, 63. Third Year German Composition and Conversation. Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter. De Jong. Prerequisite: Twenty-four hours of German or the consent of the instructor. (Not given this year.)

71, 72, 73. Introduction to German Literature and Culture. Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit. De Jong. Prerequisite: Thirty hours of German or the consent of the instructor.

A general view of the literary periods, movements, and social background, with representative readings.

81. Methods of Teaching Modern Languages. Autumn. T. Th., 2:30. Two hours credit. Cummings. Prerequisite: Phonetics 42, Principles of Education and General Methods in Secondary Schools.

82, 83. German for Teachers. Winter, Spring. T. Th., 1:30. Two hours credit. De Jong.

Problems of German pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the German language.

Graduate Courses

101, 102, 103. German Composition. Autumn, Winter, Spring. Time to be arranged. Two hours each quarter. De Jong.

111, 112, 113. Gothic. Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. De Jong.

Introduction to the study of Gothic. Arranged. General introduction to Germanic Philology. Reading from the Gothic Bible.

114, 115, 116. Middle High German. Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. De Jong.

Reading of selected Middle High German texts. (Not given this year.)

121, 122, 123. German Novel from 1800 to the Present. Two hours credit each quarter. De Jong. (Not given this year.)

131, 132, 133. German Drama from 1800 to the Present. Two hours credit each quarter. De Jong. (Not given this year.)

141. Lessing. Autumn. Time to be arranged. Two hours credit. De Jong.

142. Schiller. Winter. Time to be arranged. Two hours credit. De Jong.

143. Goethe. Spring. Time to be arranged. Two hours credit. De Jong.

144. Kleist and Grillparzer. Autumn. M., 4:30. Two hours credit. De Jong. (Not given this year.)

145. Hebbel and Ludwig. Winter. M., 4:30. Two hours credit. De Jong. (Not given this year.)

146. Hauptmann and Sudermann. Spring. M., 4:30. Two hours credit. De Jong. (Not given this year.)

171, 172, 173. History of German Literature. Autumn, Winter, Spring. T. Th., 3:30. Two hours credit each quarter. De Jong.

181. Methods of Teaching Modern Languages. Autumn, T. Th., 2:30. Two hours credit. Cummings.

182, 183. German for Teachers. Winter, Spring. T. Th., 1:30. Two hours credit. De Jong.

Problems of German pronunciation, grammar, versification, reading, etc. A brief introduction to the history of the German language.

200. Research for Master's Thesis.

LATIN

Lower Division Courses

1, 2, 3. First Year Latin. Autumn, Winter, Spring. Daily 8:30. Five hours credit each quarter. Riordan.

Designed for those who have had no Latin. Mastery of pronunciation, declensions and conjugations. Correlation of Latin originals with English derivatives. Graded reading. Characteristics of Roman civilization.

Upper Division Courses

54, 55, 56. **Advanced Latin.** Autumn, Winter, Spring. Daily, 2:30. Three hours credit each quarter. Riordan. Prerequisite: Latin 3 or two units of Latin in high school.

Comprehensive study of grammar. Composition. Reading from the classics.

GREEK

Lower Division Courses

1, 2, 3. **First Year Greek.** Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Swensen.

Designed for those who have had no Greek. The fundamentals of Greek syntax, declensions, and conjugations. Readings in the Greek New Testament. Hellenistic culture and its literary productions.

Upper Division Courses

54, 55, 56. **Second Year Greek.** Autumn, Winter, Spring. Three hours credit each quarter. Swensen. Prerequisites: Greek 1, 2, 3 or the equivalent. (Not given this year.)

Translation, readings from the Greek New Testament, Epictetus, and Xenophon. Comparison and contrast of the classical and Hellenistic literary and grammatical forms.

HEBREW

Upper Division Courses

51, 52, 53. **First Year Hebrew.** Autumn, Winter, Spring. Daily, 1:30. Five hours credit each quarter. Sperry.

A beginning course. The elements of Hebrew grammar. Translation and simple composition.

54, 55, 56. **Second Year Hebrew.** Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Sperry.

Advanced grammar and readings from the books of Genesis, Deuteronomy, Samuel and Kings.

Graduate Courses

151, 152, 153. **Beginning Hebrew.** Autumn, Winter, Spring. Daily, 1:30. Five hours credit each quarter. Sperry.

The fundamentals of Hebrew grammar. Exercises in reading, translation and simple composition leading to ability to make clear interpretation of texts.

157, 158, 159. **Readings from Hebrew Prophetic and Wisdom Books.** Autumn, Winter, Spring. Hours to be arranged. Two hours credit each quarter. Sperry.

PHONETICS

Lower Division Course

42. **Practical Phonetics.** Autumn. T. Th., 1:30. Two hours credit. De Jong.

The elementary principles of speech mechanics in their relation to correct diction. This course correlates with courses in the Modern Languages, Speech, and Vocal Music.

MUSIC

Professors Jepperson–Madsen, Madsen, Robertson, De Jong; Associate Professor Sauer; Assistant Professor Hanson; Miss Summerhays, Mr. Nelson, Mr. Fitzroy, Mrs. Packard, Mr. Buggert, Mr. Olsen, Mr. Keeler, Mr. Halliday.

Those who major in the Department of Music must complete the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 61; 71, 72; 81; Piano, 3 hours: Vocal Culture. 3 hours; and Vocal or Instrumental Ensemble, 6 hours. Those preparing to teach should also take Theory of Music 41 and 91. These requirements are subject to change where conditions warrant individual consideration.

The work presented by those who minor in the Department of Music should include the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 41; and 91.

Private courses are indicated by -p. In the instrumental division, the letter immediately following the number indicates the instrument; e. g., 7 p-p means course 7, private piano; 3 t-p means course 3, private trombone, etc.

THEORY OF MUSIC

Lower Division Courses

11. Grammar of Music. Autumn. T. Th. Two hours credit. Halliday.

12, 13. Solfeggio. Winter, Spring. T. Th. Two hours credit each quarter. Halliday.

The study of intervals, diction, and sight-singing.

21, 22, 23. Harmony. Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Halliday.

Intervals; primary and secondary triads; dominant seventh and ninth chords, diminished seventh chords; open harmony.

31, 32, 33. Philosophy and Appreciation of Music. Autumn, Winter. Spring. T. Th. Two hours credit each quarter. Madsen.

The important philosophies of music and musicians; the philosophy of the elements of music, musical structure, musical compositions, musical values.

41. **Public School Methods.** Autumn or Spring. M. W. F. Three hours credit. Hanson.

Special technique of instruction and material for the grades; class demonstrations and supervised teaching. Prerequisite: Theory of Music 11.

Upper Division Courses

61, 62, 63. **Solfeggio.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Halliday.

Prerequisite: Theory of Music 11, 12, and 13. Training in advanced sight singing.

71, 72. **Harmony.** Autumn, Winter. M. W. F. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 23. Modulation; secondary seventh and altered chords; non-harmonic tones; modern harmony.

73. **Form and Analysis.** Spring. M. W. F. Three hours credit. Robertson.

Prerequisite: Theory of Music 72. Study of musical form; harmonic analysis.

81, 82, 83. **History.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Madsen.

Alien musical systems, ancient and modern. Medieval and modern music.

91. **High School Methods.** Winter. T. Th. Two hours credit. Hanson.

Special technique of instruction and materials for the junior and senior high schools. This course should precede or accompany Secondary Education 54.

92, 93. **Counterpoint.** Autumn, Winter. T. Th. Two hours credit each quarter. Madsen.

An elementary course in counterpoint.

94. **Composition.** Spring. T. Th. Two hours credit. Madsen.

An elementary course in composition in the smaller forms. Prerequisites: Theory of Music 73, 93.

95. Instrumentation. Winter. T. Th. Two hours credit. Sauer.

A practical course for high school teachers and supervisors in arranging for band and orchestra.

Graduate Courses

121, 122, 123. Counterpoint. Autumn, Winter, Spring. Three hours credit each quarter. Madsen.

Prerequisites: Theory of Music 71, 72, 73. Strict and free counterpoint in the various species.

124, 125, 126. Canon and Fugue. Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen. Prerequisites: Theory of Music 123 or 173.

127, 128, 129. Instrumentation. Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 73. Study of orchestra instruments; arranging in solo, duet, trio, and quartet form; arranging for string and symphony orchestra.

163. Harmony. Spring. Three hours credit. Halliday.

Prerequisite: Theory of Music 73. An intensive study of modulation.

171, 172, 173. Modal Counterpoint. Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 73. The contrapuntal system of Palestrina, Des Pres, and Lasso.

181, 182, 183. Composition. Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen.

Prerequisite: Theory of Music 73, and at least one quarter of 121 and 171.

200. Research for Master's Thesis. Credit to be arranged.

INSTRUMENTAL MUSIC

Lower Division Courses

1, 2, 3; 4, 5, 6. Band. Autumn, Winter, Spring. Daily. One hour credit each quarter, Sauer.

Admission by consent of director.

7, 8, 9; 10, 11, 12. Orchestra. Autumn, Winter, Spring. Daily. One hour credit ecah quarter. Robertson.

Admission by consent of director.

13, 14, 15; 16, 17, 18. String Ensemble. Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Robertson.

19, 20, 21; 22, 23, 24. Band Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Sauer.

1, 2, 3; 4, 5, 6p-p. Piano. Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.

7, 8, 9p-p. Piano Ensemble. Autumn, Winter, Spring. One hour credit each quarter. Nelson.

The fundamentals of ensemble playing. Four, six, and eight hand arrangements.

10p-p. Piano Pedagogy. Any quarter. One hour credit. Nelson, Hanson, Fitzroy.

Methods and problems of piano teaching in the elementary grades.

1, 2, 3; 4, 5, 6v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson, Olsen.

1, 2, 3; 4, 5, 6c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3b-p. Baritone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13b-p. Bassoon. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

21, 22, 23b-p. Bass (Tuba.) Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13; 14, 15, 16c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter, Sauer.

1, 2, 3d-p. Drums and Tympani. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3f-p. Flute. Autumn, Winter, Spring. One hour credit each quarter. Nelson.

11, 12, 13f-p. French Horn. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3o-p. Oboe. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13o-p. Organ. Autumn, Winter, Spring. One hour credit each quarter. De Jong, Keeler.

1, 2, 3; 4, 5, 6s-p. Saxophone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13s-p. String Bass. Autumn, Winter. Spring. One hour credit each quarter. Sauer, Buggert.

1, 2, 3; 4, 5, 6t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13v-p. Viola. Autumn, Winter. Spring. One hour credit each quarter. Robertson, Olsen.

21, 22, 23; 24, 25. 26v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Upper Division Courses

51, 52, 53; 54, 55, 56. Concert Band. Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.

Admission by consent of the director. Standard overtures, operatic selections, and miscellaneous military band music.

57, 58, 59; 60, 61, 62. Symphony Orchestra. Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.

Admission by consent of director. Study of selections, overtures, symphonies, and accompaniments.

51, 52, 53; 54, 55, 56p-p. Piano. Autumn, Winter, Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.

63, 64, 65; 66, 67, 68. String Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Robertson.

69, 70, 71; 72, 73, 74. Band Ensemble. Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Sauer.

51, 52, 53; 54, 55, 56v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson, Olsen.

51, 52, 53; 54, 55, 56c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

61, 62, 63; 64, 65, 66c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

61, 62, 63; 64, 65, 66o-p. Organ. Autumn, Winter, Spring. De Jong, Keeler.

61, 62, 63, 64, 65, 66s-p. String Bass. Autumn, Winter, Spring. One hour credit each quarter. Sauer, Buggert.

63p-p. Piano Pedagogy. Spring. One hour credit. Nelson.

Prerequisite: 10p-p. Methods and problems of piano teaching in the higher grades.

51, 52, 53t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

71, 72, 73; 74, 75, 76v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Graduate Courses

101, 102, 103-p. Instrumental. Autumn, Winter, Spring. One hour credit each quarter.

Advanced instruction on any of the standard instruments.

VOCAL MUSIC

Lower Division Courses

1, 2, 3; 4, 5, 6-p. Vocal Culture. Private or in groups. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Halliday, Packard.

13, 14, 15; 16, 17, 18. Ladies Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Jepperson, Madsen.

Open to inexperienced singers. This course also provides participation in Mixed Chorus.

13, 14, 15; 16, 17, 18. Male Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Madsen.

Open to inexperienced singers. This course also provides participation in Mixed Chorus.

42. Phonetics. Autumn. T. Th., 1:30. Two hours credit. De Jong.

(See Phonetics 42 in Department of Modern and Classical Languages.)

Upper Division Courses

51, 52, 53; 54, 55, 56-p. Vocal Culture. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Halliday, Packard.

63, 64, 65; 66, 67, 68. Ladies Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Jepperson, Madsen.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

63, 64, 65; 66, 67, 68. Male Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Madsen.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

Graduate Courses

111, 112, 113-p. Vocal Culture. Autumn, Winter, Spring. One hour credit each quarter.

Advanced instruction in vocal culture.

PHYSICAL EDUCATION

Professors Romney, Dr. Cullimore, Dr. Oaks; Assistant Professors Hart, Jeppson; Mr. Dixon, Mrs. Aline Coleman Smith, Miss Ballif, Mr. Kimball.

The purpose of the department is primarily to conserve the health and vitality of the students, to establish correct motor habits and to educate for wholesome and efficient living. To offset the undesirable effects of sedentary school life, vigorous activity in the form of games, gymnastics and competitive athletics are offered. Instruction is given in personal hygiene in connection with the exercise period so that the students may have a theoretical basis as a guide to correct living.

A thorough physical and medical examination will be given each new student upon entering the institution. All freshmen are required to take one credit hour of physical education of the physical activity variety in each of the three quarters. Also all students are required to take Physical Education 1 during their freshman year.

Upper classmen who are not taking physical education for credit are urged to engage in some form of physical exercise. Abundant opportunity is offered for participation in games, sports, hikes, gymnastics, athletics, and dancing.

All students whether enrolled in regular classes in physical education or on regular athletic squads are invited and urged to use the physical training and athletic facilities of the institution whenever they are available.

Students using the towel service are required to make a 25 cent deposit by purchasing a towel check. The towel check is exchangeable for towel service during regular school hours. Towel checks are redeemable at any time.

Students registered for physical education activity courses are required to provide themselves with the official uniform. Also they are required to provide themselves with basket locker and approved combination padlock.

An extensive program of intramural sports for both men and women is sponsored and supervised by the department.

Students interested in intercollegiate athletic competition in any form will be given opportunity to try out for the athletic teams representing the University and in case they display sufficient ability to be chosen as members of these teams, they may substitute this work for the required activity courses in physical education.

The department also offers professional courses which are designed to prepare teachers and directors in physical education, directors of athletics, supervisors of dancing and leaders in play and other forms of social and recreational activities.

Students interested in play and recreation are referred to the following courses: Physical Education 7, 8, 9, 14, 15, 17, 18, 19, 21, 22, 24, 25, 26, 31, 42, 54, 71, 72, 73 and Religious Education 74, 75, 76.

Students interested in health education work are referred to Physical Education 1 (Personal Hygiene); 91 (General Kinesiology); 95 (First Aid in Athletic Training); Zoology 58 (Health Education for Teachers); Zoology 65 (Human Physiology); Foods and Nutrition 5 (Elementary Nutrition); Foods and Nutrition 53, 54, 55 (Nutrition, Dietetics, and Nutrition in Disease).

Major and Minor Requirements in Physical Education

Both men and women students majoring or minoring in Physical Education are required to take the following foundational courses:

Chemistry 1 or 4, Zoology 11 and 65, Psychology 11, 51, or 74, Bacteriology 21, Sociology 11 or 61, Physics 11, and for those who wish to qualify for a teacher's certificate such courses in secondary education as will satisfy the State Board of Education.

In addition to the foregoing the following courses in the department of Physical Education are required:

In the Men's Department:
  Major requirements:
    Physical Education 7, 8, 9
    Physical Education 51, 52, 53
    Physical Education 71 or 72 or 73
    Physical Education 90, 91, 92
    Physical Education 93, 95, 96.

  Minor requirements:
    Physical Education 7, 8, 9
    Physical Education 51 or 52 or 53
    Physical Education 71 or 72 or 73
    Physical Education 90, 91, 92, 93.

In the Women's Department:
  Major requirements:
    Physical Education 7, 8, 9
    Physical Education 54 or 55, 56
    Physical Education 61, 62 or 63, 65
    Physical Education 71 or 72 or 73
    Physical Education 81 or 82 or 83
    Physical Education 90, 91, 92
    Physical Education 93, 95, 96.

  Minor requirements:
    Physical Education 7, 8, 9
    Physical Education 41, 42
    Physical Education 54 or 55
    Physical Education 61, 73, 81
    Physical Education 90, 91, 93

Lower Division Courses

1. **Personal Hygiene.** Autumn, Winter or Spring. T. Th., 1:30. One hour credit. Cullimore, Oaks, Merrill.

This course is required of all freshmen students. The course is designed to present in a popular manner problems concerning personal hygiene and proper health habits.

4, 5, 6. **Elementary Physical Education.** Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Women's sections at 10:30, 2:30. Men's sections 9:30; 10:30; 1:30 (Boxing); 2:30; 3:30.

This course is designed for freshmen. It will include games, and a variety of athletic and gymnastic activities.

7, 8, 9. **Advanced Physical Education.** Autumn, Winter, Spring. One hour credit each term. For men and women. Men's section. T. Th., 2:00 to 3:30. Hart. Women's section. T. Th., 4:30 to 5:30. Jeppson. Prerequisite: 4 hours credit in freshman physical education.

This course will embrace instruction in more advanced types of physical education activities including gymnastics, apparatus activity, tumbling, pyramids, stunts, marching tactics and games.

14. **Archery.** Autumn. M. W. F., 8:30. 1 hour credit. For men and women. Ballif.

Emphasis will be placed on the following: equipment, technique, and methods.

15. **Tumbling. Autumn, Winter, Spring. T. Th., 9:30, One hour credit. For men. Hart.**

15 **Tumbling, Pyramid Building, and Stunts.** Winter. M. W. F., 8:30. One hour credit. For women. Ballif.

Emphasis will be placed on the selection and care of equipment, technique of tumbling, balancing, pyramiding and demonstration programs.

16. **Track and Field for Women.** Spring. M. W. F. One hour credit, 9:30. Jeppson.

17. **Boxing.** Autumn, Winter, Spring. Daily, 1:30. One hour credit for three classes per week.

This course will consist of the theory and practice of boxing.

18. **Wrestling.** Fall, Winter. M. W. F., 4:30. One hour credit.

This course will consist of the theory and practice of wrestling.

19. **Tennis. (Men and Women.)** Spring. M. W. F., Sec. I, 7:30; Sec. II, 9:30. One hour credit. Dixon.

This course will consist of the theory and practice of tennis. Limited to number of students the courts will accommodate.

20. **Golf. (Men and Women.)** Spring. One hour credit. Provo Municipal Golf Course. Time to be arranged.

This course will consist of the theory and practice of golf under the personal supervision of professional instruction. A special fee is charged for this course. Students will be required to furnish their own equipment.

21, 22. **Developmental Activities for Elementary Teachers.** Winter, Spring. M. W. F., 3:30. One hour credit each quarter. Jeppson. Especially designed for those preparing to teach in the elementary grades.

Emphasis will be given to Danish gymnastics, games. folk dancing, and rhythmical expressions.

23. **Basketball for Women.** Winter. M. W. F., 1:30. Jeppson.

A general course in basketball for women.

24. **Fencing.** Spring, 4:30. Three periods each week. One hour credit. Open to both men and women. (Not given this year.)

25. **Social Dancing.** Autumn, Winter. T. Th., 4:30 to 6:00. 1 hour credit. Open to Freshmen and Sophomore men and women only. (Credit in this course does not substitute for the Freshman gymnasium requirement.) Jeppson.

26, 27, 28. **Elementary Clog and Tap Dancing.** Autumn, Winter, Spring. T. Th., 9:30. One hour credit. Jeppson. Open to men and women.

Suggested for women majoring or minoring in Physical Education.

31, 32, 33. **Elementary Creative Dancing.** Autumn, Winter, Spring. T. Th., 2:30. One hour credit each quarter. Smith.

Suggested for women majoring or minoring in Physical Education. This course will offer instruction in the fundamentals of grace and rhythm.

41. **Rhythms, Character and National Dancing.** Autumn. T. Th., 3:30. One hour credit. Smith. Open to men and women.

Suggested for women majoring or minoring in Physical Education.

Fundamental rhythms, various character and national dances.

42. **Folk Dancing and Country Dances.** Winter. T. Th., 1:30. One hour credit. Jeppson, Smith. Open to men and women.

This course will offer instruction in the various folk dances and country dances: Virginia Reel, Boston Fancy, etc.

46. Sports Appreciation. Autumn. T. Th., 8:30. One hour credit. Open to men and women. Coaching staff.

This course is designed to enable students to more fully understand, appreciate and enjoy the athletic contests customarily included in the intercollegiate program.

Upper Division Courses

51. Athletic Coaching and Directing—Football. Autumn. Three periods each week. 10:30. Three hours credit. Romney, Kimball.

This course is designed to prepare students for the coaching of football. It will deal with the fundamentals of the game, methods of working out plays, systems of offense and defense, the conditioning of teams, etc.

52. Athletic Coaching and Directing—Basketball. Winter. Three periods each week. 10:30. Three hours credit. Romney, Kimball.

This course is designed to prepare for the coaching of basketball. Students will be thoroughly instructed in fundamentals, offensive and defensive systems, schedule making, etc.

53. Athletic Coaching and Directing—Track and Field. Spring. Three periods a week. 10:30. Three hours credit. Romney, Hart.

This course will deal with the technique of track and field athletics and with the management of meets.

54. Athletic Coaching and Directing—Soccer, Field Hockey, Speedball and High-Low Ball. Autumn. M. W. F., 4:30. Two hours credit. Jeppson.

This course is designed to prepare students for coaching these activities. It will deal with methods, conducting of tournaments, and officiating.

55. **Athletic Coaching and Directing—Basketball, Volley Ball, Field Ball.** Winter. M. W. F., 4:30. Two hours credit. Jeppson.

This course is designed to prepare students for coaching these activities. It will deal with methods, conducting of tournaments and officiating.

56. **Athletic Coaching and Directing—Track and Field, Baseball, Badminton.** Spring. M. W. F., 4:30. Two hours credit. Jeppson.

This course is designed to prepare students for coaching these activities. It will deal with fundamentals, methods of conducting meets, games and tournaments, and officiating.

61, 62, 63. **Advanced Creative Dancing.** Autumn, Winter, Spring. T. Th., 8:30. One hour credit each quarter. Smith.

This course will offer instruction in fundamental dance technique, music visualization and principles of composition.

64. **Material Summary (Dancing).** Winter. T. Th., 5:30. One hour credit. Jeppson and Smith. Prerequisites: 41, 42, 61, 62, 81.

65. Problems of the Dance in Physical Education. Spring. T. Th., 7:30 a.m. Two hours credit. Smith.

Problems of the public performance, planning the program, organization, lighting, costumes, etc.

66. Dance Composition. Winter. T. Th., 9:30. Two hours credit. Smith.

Elements of composition, music, visualization, and history of dance forms.

71. **Theory of Organized Play.** Autumn. M. W. F., 8:30. Three hours credit. Jeppson.

The theory of organized play, including community centers, special activities, home recreation; play facilities such as layout of athletic fields, buildings, swimming pools; equipping the grounds and centers.

72. **Organization and Administration of Play and Rec-**

reation. Winter. M. W. F., 8:30. Three hours credit. Jeppson.

The executive and administrative problems arising out of the conducting of a community-wide recreation program. Emphasis on park recreation problems, recreational finance, publicity problems, etc.

73. **Play and Game Supervision.** Spring. M. W. F., 8:30. Three hours credit. Jeppson.

A continuation of course 72.

77. **Recreational Technics.** Autumn. M. W. F., 10:30. Three hours credit. Jeppson, Hart, Hayward, H. R. Merrill.

Nature Contacting and Nature Crafts: Emphasis will be placed on nature lore, Indian lore, camps; hikes, outings, nature guiding.

Recreative Arts of Line, Color, Form and Perspective: Painting, sculpture, plastic and photographic arts.

Recreative Drama: Dramatic emphasis to pageants, festivals, processionals, pantomimes, and tableaux, dramatized poems, dramatized stories, dramatized costume parties, shadow-graphs, and puppetry.

78. **Recreational Technics.** Winter. M. W. F., 10:30. Three hours credit. Jeppson, Hart, Wm. Hansen.

Recreative Music: Music for the joy of self-expression through sound creation, bands, orchestras, chorals, harmonica bands, folk music.

Scientific Experimentation Hobbies: Astronomical, botanical, electrical, chemical, aeronautical, and radio.

Publicity and Public Relationships.

79. **Recreational Technics.** Spring. M. W. F., 10:30. Three hours credit. Jeppson, Hart, Pardoe.

Stage Crafts and Play Production.

Handicraft Arts: Work in wood, metal, textiles, paper, leather and reed raffia, bead and wire work.

Linguistic Arts: Debates, forums, essay writing, topical writing, play writing, linguistic arts, memory contests of familiar literary expressions, etc.

81, 82, 83. **Advanced Clog and Tap Dancing.** Autumn, Winter, Spring. T. Th., 10:30. One hour credit each term. Jeppson.

81 and 82 will include a study of the various phases of tap dancing, fundamental steps, routines in order of difficulty, buck, jig, waltz, soft shoe, etc.; 83 will emphasize creative work by students.

87. **History of Physical Education. Winter.** T. Th., 9:30. Two hours credit. Hart.

A brief survey of the history of physical education.

88. **Physiology of Activity.** Autumn. M. W. F., 9:30. Three hours credit. Kimball. Prerequisites: Zoology 11 and 65

90. **Principles of Physical Education. Winter. M. W. F.,** 1:30. Three hours credit. Romney. Prerequisite: Zoology 65.

This course deals with underlying principles of physical education.

91. **General Kinesiology.** Autumn. M. W. F., 8:30. Three hours credit. Dixon. Prerequisite: Zoology 65.

The anatomy of the human body with emphasis upon the study of bones, joints, and the skeletal muscles. Athletic exercises will be studied with reference to their effect upon the body.

92. **Methods of Teaching Physical Education.** Autumn. T. Th., 8:30. Two hours credit. Hart. Prerequisites: Physical Education 90 and 91.

A study of various systems and methods of teaching physical education; content of the program in physical education, methods of commanding, directing, etc.

93. **Physical Education Administration.** Spring. M. W. F., 1:30. Three hours credit. Jeppson.

Organization and administration of departments of physical education and athletics in high school and college and the proper balancing of various activities associated with these departments. Prerequisites: Physical Education 72, 90, 92.

94. Introduction to Achievement Tests in Physical Education. Winter. M. W. F., 9:30. Three hours credit. Hart.

This course reviews the history of tests in physical education and also gives much consideration to the essential procedures used in evaluating tests and their results.

95. First Aid in Athletic Training. Autumn. M. W. F., 1:30. Two hours credit. Hart. Prerequisite: Zoology 65.

This course will consider the principles of first aid treatment of athletic injuries, massage, physiotherapy, bandaging and the essentials of conditioning athletes.

96. Adaptation of Activities in Corrective Procedure. Spring. M. W. F., 9:30. Three hours credit. Open to both men and women. Hart. Prerequisites: Zoology 65, Physical Education 91.

The variations of posture, the mechanics of balancing of the forces in the body, psychology of individual gymnastics, methods of stimulating interest in posture, and the selection and scope of corrective activities.

Graduate Courses

165. Problems in the Dance in Physical Education. Spring. T. Th., 7:30 A.M. Smith.

171. Theory of Organized Play. Autumn. M. W. F., 8:30. Three hours credit. Jeppson.

172. Organization and Administration of Play and Recreation. Winter. M. W. F., 8:30. Three hours credit. Jeppson.

173. Play and Game Supervision. Spring. M. W. F., 8:30. Three hours credit. Jeppson.

187. History of Physical Education. Winter. T. Th., 9:30. Two hours credit. Hart.

A survey of the history of physical education.

188. **Physiology of Activity.** Fall quarter. M. W. F., 9:30. Three hours credit. Kimball. Prerequisites: Zoology 11 and 65.

190. **Principles of Physical Education.** Winter. M. W. F., 8:30. Three hours credit. Romney. Prerequisites: Psychology 11 and Zoology 11 and 65.

193. **Physical Education Administration.** Autumn. M. W. F., 1:30. Three hours credit. Jeppson.

194. **Introduction to Achievement Tests in Physical Education.** Winter. M. W. F., 9:30. Three hours credit. Hart.

196. **Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 9:30. Three hours credit. Open to both men and women. Hart. Prerequisites: Psychology 11, Zoology 65, Physical Education 91.

198. **Research in Physical Education.** Time and credit to be arranged. Jeppson and Hart.

200. **The Master's Thesis in Physical Education.** Credit by arrangement.

PHYSICS

Professors Eyring, Marshall; Associate Professor Hales;

Students who expect to study Medicine, Engineering, Chemistry, or who are planning to major in the Department of Physics should begin their study of Physics by electing courses 41, 42 and 43 .

Non-science students may elect with profit courses 11, 16 and 26, which may be taken without prerequisite and which are organized with the view of giving the student an appreciation of his physical environment.

Students majoring in Physics have the following courses prescribed: Physics 41, 42, 43, 85, 90, 91, 92, and some sequences such as Physics 73, 74, 75, 81, 82, 83, or 55, 66, 67, 81, 82, 83, or 55, 66, 67, 73, 74, 75. In addition course 99 should be elected by students who plan to be high school teachers.

Lower Division Courses

11. A Survey Course in Physics. Autumn and Winter. M. T. W. Th., 10:30. Four hours credit. Eyring.

This is an orientation course designed for the non-science student who seeks information concerning the scientific interpretation of his physical environment.

16. Descriptive Astronomy. Spring. M. T. W. Th., 10:30. Four hours credit. Hales.

This course is designed for those wishing a general knowledge of the facts, theories, and methods of astronomy. Frequent use will be made of the University Observatory on University Hill.

26. Photography. Spring. Lecture, T. Th., 7:30. Laboratory time to be arranged. Three hours credit. Hales.

Lectures on the theory and art of photography; laboratory exercises in photographic manipulation, determination of the characteristics of photographic materials, color sensitivity, etc.

41. **General Physics. Mechanics and Sound.** Autumn. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30-3:30. Five hours credit. Hales.

Courses 41, 42 and 43 constitute a general college course in physics. This general course will satisfy the requirements in physics for engineering and medical students, and it is a prerequisite for all the specialized courses in physics.

42. **Electricity.** Winter. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30 to 3:30. Five hours credit Hales.

Continuation of 41.

43. **Heat and Light.** Spring. Lecture, M. W. F., 1:30. Laboratory, 1:30 to 3:30. Five hours credit.

Continuation of 42.

Upper Division Courses

55. **Atomic Physics.** Autumn. Lecture, M. T. Th. Fri., 8:30. Laboratory W., 8:30. Five hours credit. Hales.

A study of the structure of the atom as revealed by X-rays, radio activity, spectroscopy, and related subjects.

66, 67. **Electricity and Magnetism.** Winter, Spring. Lecture, T. Th. Fri., 2:30. Laboratory M. W., 2:30. Five hours credit each quarter. Marshall.

A study of electronics, the vacuum tube, and D. C. and A. C. circuit theory and measurements.

73. **Meterology.** Autumn. Lecture M. T. Th. Fri., 8:30. Laboratory W. Five hours credit. Hales. (Not given this year.)

The physics of the earth's atmosphere; a study of the causes which produce variations in the pressure, temperature, and humidity of the air and their influence upon weather and climate.

74. **Sound.** Winter. Lecture. M. T. Th. Fri., 8:30. Laboratory W. Five hours credit. Eyring. (Not given this year.)

Speech, hearing, sound transmission and radiation, and acoustics of auditoriums.

75. **Experimental Optics.** Spring. Lecture, M. W. F., 8:30. Laboratory: Time to be arranged. Five hours credit. Marshall. (Not given this year.)

During the first part of the course experiments outlined in Taylor's Manual of Optics will be performed, and during the last special work in the echelon and concave grating will be given.

76. **Advanced Photography.** Spring. Lecture, W., 7:30. Laboratory, time to be arranged. Two hours credit. Hales .

A laboratory course in the more advanced photographic principles including sensitometry, physical development, toning, natural color printing, and so forth. Prerequisites: Physics 26 and Physics 41, 42, 43 or Chemistry 4, 5, 6.

81. **Mechanics.** Autumn. M. W. F., 10:30. Three hours credit. Marshall.

Fundamental principles of mechanics and their application to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

82. **Dynamics.** Winter. M. W. F., 10:30. Three hours credit. Marshall.

The application of d'Alembert's principle, generalized coordinates, the Lagrangian and canonical equations, Hamilton's principle, etc. Prerequisites: Physics 81 and Differential Equations.

83. **Thermodynamics.** Spring. M. W. F., 10:30. Three hours credit. Marshall.

A study of the laws of thermodynamics and their application to numerous physical and chemical phenomena.

85. **Advanced Physical Measurements.** Autumn, Winter or Spring. Time to be arranged. One to three hours credit. Eyring, Marshall, and Hales.

Precision measurements involving special laboratory techniques and the solution of some simple research problem. Required of all majors in physics in Senior year.

87. **Laboratory Arts.** Autumn. T. Th., 3:30-6:30. Two hours credit. Marshall and Hales.

Processes connected with the construction and use of apparatus in physical laboratory.

90, 91, 92. **Seminar.** Autumn, Winter, Spring. One hour credit each quarter. Time to be arranged. Eyring, Marshall, Hales.

A survey of physical theories and topics in modern research. A course for seniors in which the student is aided to integrate the specialized courses.

95. **Readings in Modern Physics.** Credit 1 to 3 hours, depending on the work done. Eyring, Marshall, or Hales.

A reading course designed to acquaint the student with new material which may not have been included in the regular courses.

99. **Teaching of Physics.** Autumn. M. W., 3:30. Two hours credit. Johansen.

Graduate Courses

101, 102, 103. **Introduction to Modern Physics.** Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. Eyring or Marshall.

A study of modern physics, including such topics as quantum theory, spectroscopy, and atomic structure, etc.

105, 106, 107. **Introduction to Theoretical Physics.** Autumn, Winter, Spring. Daily, 10:30. Five hours credit each quarter. Hales.

An introductory study of the mathematical basis and development of the fundamental laws and theories of physics.

110, 111, 112. **Classical Experiments.** Each course two hours credit. Eyring, Marshall, Hales.

190, 191, 192. Seminar. Autumn, Winter, Spring. Time to be arranged. One hour credit each quarter. Eyring, Marshall, Hales.

195. Readings in Modern Physics. Credit, one to three hours, depending upon amount of work done. Eyring, Marshall and Hales.

200. Thesis in Physics. Credit to be arranged.

POLITICAL SCIENCE

Professor Jensen.

Requirements for a Major in Political Science: Students must present a minimum of fifteen hours of upper division credit in Political Science. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

1. **A Survey Course in Political Science.** Autumn. Daily, 10:30. Five hours credit. Jensen.
A comparative study of the origin and development of government, its forms and organization, problems of administration and popular control, international relations and world politics.

10. **National Government of the United States.** Winter. M. W. F., 10:30. Three hours credit. Jensen.
The historical development of the American Government; origin and growth of the Constitution; constitutional rights of the citizens; a detailed study of the executive, legislative, and judicial department of the national government.

11. **State and Local Government in the United States.** Spring. M. W. F., 10:30. Three hours credit. Jensen.
The nature of federal government; the evolution of states from territories; place of the states in the nation; a study of the executive, legislative, and judicial branches of state government.

21. **Problems of Citizenship.** Autumn. T. Th., 9:30. Two hours credit. (Not given this year.)
A study of fundamental, political, social, economic, and international problems which make for intelligent citizenship

43. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 43.)

Fundamental legal principles and institutions; the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property.

44. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 44.)

A study of law governing Negotiable Instruments; rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barters, and bailments.

45. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 45.)

A study of the law governing relationships arising out of business associations; Agency, Partnerships and Corporations will be studied by an examination of the leading cases decided by the courts.

Upper Division Courses

50. **Principles of Political Science.** Spring. M. W. F., 10:30. Three hours credit. (Not given this year.)

A systematic study of the principles of political science; the scope and methods of political theory; the origin, basis and nature of the state; sovereignty; the structure and province of government; citizenship and nationality.

51. **European Political Philosophy.** Winter. T. Th., 10:30. Two hours credit. (Not given this year.)

A survey of political thought from the time of the ancients to the present with emphasis given to modern and contemporary political theory.

53. **History of American Political Thought.** T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

A study and interpretation of American political ideas from the colonial period to the present with an examination of their influence in the development of American history and government.

63. Municipal Government. Spring. M. W. F., 9:30. Three hours credit. Jensen. **(Not given this year.)**

A study of municipal growth and development in the United States and in some of the principal European countries. Attention is given to municipal structure, organization, and administration.

73. Comparative European Governments. Autumn. M. W. F., 9:30. Three hours credit. Jensen.

A study of the organization and operation of the governments of England, France, Italy, Germany, and Russia. Attention is also given to some of the new European governments.

77. Poltical Parties and Party Government. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the organization and methods of action of political parties in the United States; the development of the party system; the party system in leading European countries.

80. International Law. Winter. M. W. F., 9:30. Three hours credit. (Not given this year.)

A study of the sources, principles, and sanctions of international law; the law of peace, war, and neutrality. Problems growing out of the World War and the resulting modifications of international law.

82. History of American Foreign Policy. Spring. M. W. F., 9:30. Three hours credit. Jensen.

This course traces the history of American foreign relations from the colonial period to the present. Attention is given to the principal issues of diplomatic controversy and settlement.

83. International Relations. Winter. M. W. F., 9:30. Three hours credit. Jensen.

A study of the major contemporaneous problems and developments in the field of international relations.

85. International Organization and Government.

Spring. T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

The rise and development of international government; diplomatic intercourse of states; international executive administrative, legislative and judicial functions, agencies of international intercourse and cooperation.

90. The Constitution of the United States. Spring. T. Th., 9:30. Two hours credit. Jensen. (Not given this year.)

A course dealing with the history and development of the Constitution of the United States, a study of its fundamental provisions, their interpretation, and their application in the functioning of the American system of government.

Graduate Courses

150. Principles and Problems of Political Science.

151. European Political Philosophy.

153. American Political Theories.

163. Municipal Problems.

174. English Government and Politics.

175. The British Commonwealth of Nations.

177. Political Party Systems in the United States and in European Countries.

180. International Law as Administered by the Courts.

181. The Conduct of American Foreign Relations.

182. History and Problems of American Foreign Policy.

183. International Relations and World Politics.

191. Constitutional Law of the United States.

193. Public Administration.

198. Research in Political Science.

200. Research for Master's Thesis.

PSYCHOLOGY

Professor Poulson; Assistant Professor Dusenberry.

Suggestions as to Courses. Psychology 11 is the standard foundation course which is usually made a prerequisite to all other courses in university departments of psychology. The courses especially recommended to follow it are:

General Cultural Interests: Psychology 64, 65, 70, 71, 72, 79, 101, 102. 103 and 104.

Home-making Interests: Psychology 70, 71, 72 and 79.

Business Interests: Psychology 25, 64, 65, 70 and 75.

Educational Interests: Psychology 65, 70, 71, 72, 74, 75. 79 and 200. For fulfilling State Board requirements, Psychology 51 is intended for prospective elementary school teachers and Psychology 74 for junior and senior high school teachers. Other courses in this department may be used as electives for state certification.

Psychology Major: Credit must include Experimental Psychology and not less than nine quarter hours selected from Psychology 70, 75, 79, 101, 102, 103. 104, and seminar courses in Psychology. Prospective "school psychologists" should aim to meet the major requirements as nearly as possible.

Lower Division Courses

11. General Psychology. Autumn. Daily, 8:30. Winter. Daily, 9:30. Spring. Daily, 10:30. Five hours credit. Poulson.

An introductory study of mental activity covering in a general way the whole field of modern psychology. Approximately one-fifth of the course will consist of simple laboratory experiments.

25. Psychology of Effective Study. Autumn. T., 9:30. Winter T., 8:30; Spring T., 9:30. One hour credit. Poulson.

A simple course in applied psychology designed especially to help freshmen who desire to improve their habits of study.

Upper Division Courses

51. Educational Psychology. Autumn, Winter or Spring. Section 1, M. W. F., 9:30; Section 2, M. W. F., 10:30. Three hours credit each quarter. Dusenberry.

This course deals with economy and technique of learning, individual differences, mental efficiency, native equipment, habit formation, emotions, and reasoning. Applications are made to problems of teaching and the psychological principles applied to daily life.

64. Applied Psychology. Spring. M. W. Th. F., 8:30. Four hours credit. Poulson. Prerequisite: Psychology 11.

Survey of the applications of scientific psychology in advertising, personal selling, industry, medicine, law, music, speech, writing, art, and athletics. Each student will stress his major interests.

65. Experimental Psychology. Winter. Lecture, Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson. Prerequisite: The consent of the instructor.

Selected readings and laboratory work in experimental psychology to show how scientific technique is applied in the study of mental activity. Presentation of data in tabular and graphic form.

70. Social Psychology. Autumn. M. W. F., 10:30. Three hours credit. Poulson. Prerequisite: Psychology 11 or its equivalent. (Not given this year.)

A study of mental life as conditioned by the social environment. Nature and development of personality. Educational implications of social psychology.

71. Mental Hygiene. Autumn. T. Th., 10:30. Two hours credit. Poulson. Prerequisite: Psychology 11.

An introductory course in mental health and personality problems intended for the typical college student. Applications in educational and remedial social work will be indicated. (See Home Economics 79.)

72. **Psychology of Childhood and Adolescence.** Winter. T. Th., 10:30. Two hours credit. Poulson. Prerequisite: Psychology 11 or equivalent.

Psychological description of the individual's development from birth to maturity, and theories of mental growth. Practical implications for parents, teachers and social workers. (See Home Economics 78.)

74. **Advanced Educational Psychology.** Winter. M. W Th. F., 8:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson. Prerequisite: Psychology 11.

A brief consideration of certain important phases of the psychology of secondary education. The laws of economical learning, individual differences, and the psychology of school subjects.

75. **Psychological Tests.** Spring. M. W. F., 7:30. Three hours credit. Poulson. Prerequisite: Psychology 11. (Alternates yearly with Psychology 79) (Not given this year.)

Development and use of psychological tests and scales. Supervised training with the Stanford revision of the Binet scale. Scientific interpretation and application of test results.

79. **Abnormal Psychology.** Autumn. M. W. F., 9:30. Three hours credit. Poulson. Prerequisite: Psychology 11. (Alternates yearly with Psychology 75.)

A consideration of the psychology of abnormal people with emphasis upon the light thrown on normal psychology and important educational applications.

93. **Psychology of Religion.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Poulson. Prerequisite: Psychology 11, and 70 or 72 or 79.

An advanced consideration of important results of the psychological study of religion as a basis for the interpretation of its meanings in personal and social life.

Graduate Courses

101, 102. Advanced General Psychology. Autumn and Winter. M. W. F., 10:30. Three hours credit each quarter. Poulson. Prerequisites: Psychology 11 and 65 or equivalent. (Alternates yearly with Psychology 103 and 104.)

A careful reconsideration of the general field of modern scientific psychology, and a thorough examination of various difficult topics.

103. History of Psychology. Autumn. M. W. F., 7:30. Three hours credit. Poulson. Prerequisites: Psychology 11 and 65 or equivalent. (Alternates yearly with Psychology 101. Not given this year.)

A consideration of the historical background of present-day psychology with special emphasis upon the developments of the last hundred years.

104. Contemporary Schools of Psychology. Winter. M. W. F., 7:30. Three hours credit. Poulson. Prerequisites: Psychology 11 and 65 or equivalent. (Alternates yearly with Psychology 102. (Not given this year.)

A critical and comparative study of such contemporary systems and movements as structuralism, functionalism, behaviorism, Gestalt psychology and psychoanalysis.

165. Advanced Experimental Psychology. Winter. Lecture. Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

170. Social Psychology. Autumn. M. W. F., 10:30. Three hours credit. Poulson. (Not given this year.)

172. Psychology of Childhood and Adolescence. Winter. T. Th., 10:30. Two hours credit. Poulson.

174, Advanced Educational Psychology. Winter. M. W. Th. F. 8:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson. Prerequisite: Psychology 11.

175. Psychological Tests. Spring. M. W. F., 7:30. Three hours credit. Poulson. (Not given this year.)

179. Abnormal Psychology. Autumn. M. W. F., 9:30. Three hours credit. Poulson.

187, 188. Seminar in Psychology. Winter or Spring. Time to be arranged. One or two hours credit each quarter. Poulson. Prerequisite: Consent of the instructor.

Recent and current literature in theoretical and experimental psychology will be reviewed.

193. Psychology of Religion. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Poulson.

200. Thesis in Psychology. Winter or Spring. Three to five hours credit. Poulson.

Research work in the preparation of a Master's thesis. Prerequisites: Ten hours of upper division and graduate credit in psychology including Psychology 65 or 165. Also a course in statistical methods.

RELIGIOUS EDUCATION

Professors Wilson, J. C. Swenson, A. N. Merrill, Eyring, Lambert, Cummings, Martin, Poulson, Hansen, Osmond, Jensen, Pardoe, Reynolds, W. H. Boyle, Associate Professors Sudweeks, Sperry, Jeppson, Rowe; Assistant Professors Dusenberry, Hart, Ivins, R. Swenson; Mr. Dixon, Mr. Anderson.

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Lower Division Courses

1. **Problems of Religious and Ethical Life.** Autumn. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Secs. 4 and 5, 11:30, Sec. 6, 2:30. Two hours credit, Wilson, R. Swenson, Boyle, Cummings, Christensen.

   The student just entering college is aided in the solution of problems incident to his new environment. The general significance and meaning of religion and morals, their origin and their interrelation.

2. **Problems of Religious and Ethical Life.** Winter. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Secs. 4 and 5. 11:30; Sec. 6, 2:30. Two hours credit. Wilson. R. Swenson, Boyle, Cummings, Christensen.

   A treatment of the practical aspects of religion and mortality, with attention to the cultivation of those personal virtues that are the foundation of character.

3. **Problems of Religious and Ethical Life.** Spring. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Sec. 4, and 5. 11:30; Sec. 6, 2:30. Two hours credit. Wilson, R. Swenson, Boyle, Cummings, Christensen.

   The individual's ethical relation to others as applied to his activities in cooperation with others. His responsibility in the promotion of ideals and standards. The ethics of citizenship.

4. **Literature of the Bible.** Autumn. T. Th., 11:30. Two hours credit. Reynolds.

   A study of the prose forms of the Old Testament from a literary, ethical, historical, and religious point of view. Freshmen will be admitted only with the consent of the instructor.

5. **Literature of the Bible.** Winter. T. Th., 11:30. Two hours credit. Reynolds.

A study of the poetry and wisdom literature of the Old Testament including Job and Isaiah. Freshmen students will be admitted only by consent of the instructor.

6. **Literature of the Bible.** Spring. T. Th., 11:30. Two hours credit. Reynolds.

A study of the literary forms of the New Testament. Parts of all the books will be considered. Freshmen students will be admitted only by the consent of the nistructor.

10, 11, 12. **Book of Mormon.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. A. N. Merrill.

A study of the origin and content of the Book of Mormon.

14. Genealogy. Autumn, Spring. T. Th., 11:30. Two hours credit. Sudweeks.

The place of genealogy in the plan of salvation, our responsibility to our dead ancestors, genealogical research, the pedigree, the family record, temple sheets, and temple ordinances.

15. **Genealogy and Eugenics.** Winter. T. Th., 11:30. Two hours credit. Sudweeks.

Relation of race improvement to religion and genealogy; nature and nurture, inheritance, methods and agencies for race improvement. Eugenics records on standard forms will be made out.

19, 20, 21. **Doctrine and Missionary Method.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Ivins. Only with consent of instructor.

A course designed especially for prospective missionaries. A review of the history of religious propaganda, a detailed study of methods employed in preaching the doctrines of the Church.

22, 23, 24. **Hymnology and Music Directorship.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Madsen.

Study of the historical, doctrinal, prophetic, poetic, and esthetical content of songs and hymns of the Latter-day Saints.

25, 26, 27. **History and Doctrine of the Church of Jesus Christ of Latter-day Saints.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Wilson.

A rather comprehensive history of the church with a progressive study of the doctrines in their social and historical setting.

Upper Division Courses

51, 52, 53. **History of Hebrew Civilization.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit each quarter. Sperry. (See History 51, 52, 53.)

54, 55. **Life and Teachings of Christ.** Autumn. T. Th., 11:30. Two hours credit each quarter. J. C. Swenson.

A study of life and teachings of Jesus as revealed in the New Testament.

56. **Life and Teachings of Paul and Other Apostles.** Spring. T. Th., 11:30. Two hours credit. J. C. Swenson.

The course, in addition to a study of the journeys and missions of Paul, will include a study of some of the Epistles.

57. **Philosophy and Life.** Autumn. T. Th., 11:30. Two hours credit. Osmond.

A discussion of the fundamental principles of philosophy, science, and religion and their interrelations.

58. **Philosophy and Life.** Winter. T. Th. Two hours credit. Osmond.

A comparative study of natural and revealed religion. The seven fundamental natures of man, the negative and positive conditions of happiness, pleasure, joy, and tragedy of life.

59. Philosophy and Life. Spring. T. Th., 11:30. Two hours credit. Osmond.

This course is devoted to a study of the elements and agencies of redemption, the spiritual life, good and evil, the truth, the fine art of living, and the philosophy of conflict.

60, 61, 62. Literature of the New Testament. Autumn, Winter, Spring. 11:30. Two hours credit each quarter. R. Swenson.

An analysis of the New Testament books in relation to the situations in the early Christian Church which brought them forth; their relationship to the literary, social, and religious aspects of the Hellenistic and Jewish culture.

63, 64, 65. History of the Christian Church. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. R. Swenson.

A brief study of the oriental and classic culture and philosophy out of which emerged the Christian Church under the Teachings of Christ, Paul, the Church Fathers and the Clergy both lay and clerical.

66. Old Testament History. Autumn. T. Th., 11:30. Two hours credit. Martin.

A study of the political, cultural, and religious development of Israel up to the time of the Prophet Amos.

67. Old Testament History. Winter. T. Th., 11:30. Two hours credit. Martin.

Contributions of the prophets of Israel during the period 800 to 400 B. C.

68. Old Testament History. Spring. T. Th., 11:30. Two hours credit. Martin.

A study of the priestly period from 400 B. C. to the time of Jesus.

69. Lecture and Sermon. Autumn, Winter, Spring. T. Th. Two hours credit. Morley.

A study of the various forms of public speaking required of missionaries and Seminary teachers. As much practice as possible in the use of these forms of speech will be given. (See Speech 53.)

70. **Manners and Customs of the Hebrews.** Autumn. T. Th., 11:30. Two hours credit. Sperry.
The traditions, customs and modes of thought of the ancient Hebrews. The literature of the Bible cannot be fully understood without a knowledge of the customs of the people that produced it.

71. **Hebrew Archaeology.** Winter. T. Th., 11:30. Two hours credit. Sperry.
A study of the results of exploration and excavation in Bible lands with special reference to the Hebrew people.

72. **Modern Religious Problems.** Spring. T. Th., 11:30. as the criticism of the Bible, the criticism of the Book of Mormon, and other problems of religious interest.

74. **Leadership in Recreation.** Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Jeppson.
This course is given to meet the needs of the community, church and school recreational leaders. Open to Seniors only except by permission.

75. **Leadership in Recreation.** Winter. T. Th., 11:30. Two hours credit Jeppson.
The organizing and administrating of special balanced programs in the various phases of recreation, including theme parties and home recreation. Open to Seniors only except by permission.

76. **Bee-Hive Leadership.** Repeated each quarter. T. Th., 11:30. Two hours credit. Waspe.
A course designed especially for those interested in the leadership of Latter-day Saint girls. A valuable course for prospective lady missionaries.

77. **Scout Leadership.** Autumn. T. Th., 11:30. Two hours credit. Anderson
A course designed especially for scoutmasters and

prospective scout leaders.

78. **Scout Leadership.** Winter. T. Th., 11:30. Two hours credit. Anderson.

Organization of a Scout troop and its relationship to the Local Council and the National Council; troop management and the patrol system; the psychology of the Boy Scout; scout stories and games.

79. **Scout Leadership.** Spring. T. Th., 11:30. Two hours credit. Anderson.

Signs, symbols, and signaling; pathfinding and mapmaking; trees, flowers, birds, common wild animals, and stars are the subjects to be studied in the class room and while on short hikes.

84. **Religion and Life.** Autumn. T. Th., 11:30. Two hours credit. Lambert.

Basic concepts set forth in the Doctrine and Covenants together with a consideration of how these concepts may assist in building a happy life. The course is conducted on a seminar basis.

85. **Religion and Life.** Winter. T. Th., 11:30. Two hours credit. Lambert.

Historical and social backgrounds into which various sections of the Doctrine and Covenants came. The needs which the various revelations met as they were given. The course is conducted on a seminar basis.

87, 88, 89. **Rationality of Religion.** Autumn, Winter and Spring. T. Th., 11:30. Two hours credit each quarter. Wilson.

Religion as life in its relationship to philosophy; the concept of truth, how arrived at; the concept of God, His relations to man, and His plan for man's redemption. Jesus Christ and His relation to the plan.

90. **Personality Problems in Moral and Religious Development.** Autumn. 11:30, T. Th. two hours credit. Dusenberry.

The emotional, social, and environmental influences affecting characters and religious development.

91. **Personality Problems in Moral and Religious Development.** Winter. 11:30. T. Th., two hours credit. Dusenberry.

The diagnosis of behavior deficiencies and the remedial technique emphasized in handling various types of problems. Emphasis on character and religion.

92. **Personality Problems in Moral and Religious Development.** Spring. 11:30 T. Th. two hours credit. Dusenberry.

Contributions of mental hygiene to character and religious education.

93. **Psychology of Religion.** Spring. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 73.)

94, 95, 96. **Man and His Relationship to the Universe.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Hansen.

A general perspective of the important religions of the world. Among those considered are: Religions of the people of Babylonia and Assyria, Egypt, China, Japan, Greece, Rome, and of the Celts and Teutons; Judaism, Mohammedanism, Zoroastrianism.

97. **Comparative Religions.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Eyring.

History of science and its relation to religion and to philosophy. A study will be made of the religious and philosophic overbeliefs which have emerged from science as it has been in the making.

Graduate Courses

105. **Research in Religious Education.** Autumn, Winter, or Spring. Two hours credit. Lambert.

A course in technique of research as applied to problems in religious education and which will provide an opportunity for students to apply acceptable methods of investigation to problems in this field.

121, 122, 123. **Seminar.** Autumn, Winter, Spring. W., 4:30. One hour credit. Wilson.

151, 152, 153. History of Hebrew Civilization. Autumn, Winter, Spring M. W. F., 9:30. Two hours credit each quarter. Sperry. (See History 151, 152, 153.)

172. Psychology of Childhood and Adolescence. Winter. T. Th., 11:30. Two hours credit. Poulson.

173. Psychology of Religion. Spring. T. Th., 11:30. Two hours credit. Poulson.

184. Religion and Life. Autumn. T. Th., 11:30. Two hours credit. Lambert.

This course parallels Religious Education 84 and permits graduate students to do intensive work in the field.

185. Religion and Life. Winter. T. Th., 11:30. Two hours credit. Lambert.

This course parallels Religious Education 85 and permits graduate students to do intensive work in the field.

186. Administration of Private and Parochial Schools and Seminaries. Spring. T. Th., 11:30. Two hours credit.

This course parallels Religious Education 86 and permits graduate students to do intensive work in this field. Students majoring in Educational Administration may obtain credit for this course.

187, 188, 189. Rationality of Religion. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Wilson.

These courses are extensions of courses 87, 88, and 89.

193. Methods in Religious Education. Autumn or Spring. T. Th. Two hours credit. A. N. Merrill.

This course is designed for those who are expecting to qualify for efficient service in directing teacher training, in supervising instruction, and teaching adolescent and adult students.

SOCIOLOGY

Professors Swenson, Woodward, Hansen, Boyle; Mr. Christensen.

Courses 11 and 12, or 55 and 56 are prerequisite to all other courses in sociology.

Students majoring in this department are required to take courses 11, 12, 53, 57, 58, 75, 80 and 81.

Sociology majors and minors are advised to broaden their background with courses in related fields. The following are especially recommended. Economics 60 and 61, Geography 52, Anthropology 94, History 1, Political Science 1, Psychology 11, 70, 71, 72 and 79, Zoology 11, 18 and 79.

Lower Division Courses

1. Orientation in Education. Autumn, Winter, Spring. M. T. W. Th., 9:30. Four hours credit each quarter. Woodward. (See Education 1.)

11. Introduction to the Study of Sociology. Autumn and Winter. Daily, 2:30. Five hours credit each quarter. Christensen.

This course is designed to give the ground work for social study. It presents a general view of social organizations, social forces and a practical working theory of the nature of society.

12. Social Problems. Spring. Daily, 2:30. Five hours credit. Christensen.

This course deals with concrete social problems such as crime, poverty, racial conflicts, etc. Discussions, papers, and assigned readings.

Upper Division Courses

51. Community Organization and Leadership. Spring, M. W. F., 9:30. Three hours credit. (Not given this year.)

Problems of community life and action, and the methods of promoting them through organization and leadership.

53. Rural Sociology. Spring. M. W. F., 10:30. Three hours credit. Christensen.

A survey of social conditions in the rural life of America, with special reference to those social processes which are in operation at the present time.

55. **Introduction to the Study of Sociology.** Autumn and Winter. Daily, 8:30. Five hours credit each quarter. Swenson.

56. **Social Problems.** Spring. Daily, 8:30. Five hours credit. Swenson. Same as Sociology 12.

57. **Population Problems.** Autumn. M. W. F., 10:30. Three hours credit. Christensen.
A study of the growth and distribution of popu- mobility, birth and death rates, eugenic consider- problems Such subjects as population density and mobility, birth and death rates, eugenic considerations. etc., will be discussed.

58. **Human Ecology.** Autumn. T. Th., 10:30. Two hours credit. Christensen.
A study of the spatial relationships of man as determined by his adaptation to physical and social environment. Discussions will center on such subjects as isolation, interaction, segregation, invasion, etc.

61. **Educational Sociology.** Autumn. M. W. F., 9:30. Three hours credit. Swenson.
An introductory study of the principles of educational sociology and their application to the theory and practice of school administration, curricula and methods of instruction.

66. **Urban Sociology.** Winter. T. Th., 9:30. Two hours credit. Swenson.
A study of the evolution and problems of urban life, with special emphasis on the economic, ethical, and political influence of cities on modern society.

70. **Social Control.** Spring. M. W. F., 8:30. Three hours credit. Swenson.
A study of the means of the control of the individ-

ual by groups. Such agencies as public opinion, belief, social suggestions, ceremony, personal ideals, etc., will be studied in detail.

71. Juvenile Sociology. Spring. T. Th., 9:30. Two hours credit. Boyle.

This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group.

75. The Family. Spring. M. W. F., 10:30. Three hours credit. Swenson.

A study of the history and development of the family and its place as an institution in the development of our civilization. The course also considers the modern family and its problems.

77, 78. Social Case Work. Autumn, Winter, and Spring. F., 1:30 to 3:30. Two hours credit each quarter. Swenson and members of the General Board of the Relief Society.

Principles and practices of case work with the maladusted and the dependent. This course is given in cooperation with the General Board of Relief Society.

80 Social Statistics. Winter. M. W. F., 8:30. Three hours credit. Christensen.

A study of graphical and statistical methods as they apply to sociology. Practice will be given in computing statistical averages, deviations, correlations, etc.

81. The History of Social Theory. Spring. M. W. F., 9:30. Three hours credit. Swenson.

The course deals with evolution of social theories beginning with Plato and considering the developments through the early Christian Era and also the Medieval and modern social theorists.

90. Labor Problems. See Economics 61.

93. Race and Racial Problems. Winter. T. Th., 10:30. Two hours credit. Christensen. (Not given this year.)

An analysis of the classification and distribution of races, and of the problems which grow out of racial conflict.

94. **Anthropology.** Autumn. T. Th., 11:30. Two hours credit. Hansen. Prerequisite: Geology 3.

An introductory course in the study of the science of man. Treated from the standpoint of his antiquity and development as interpreted from paleontological and archaeological evidence.

95. **American Anthropology.** Winter. T. Th., 11:30. Two hours credit. Hansen. (Not given this year.)

A study of the American Indian and his place among the races of mankind as interpreted from paleontological data.

96. **Cultural Anthropology.** Winter. M. W. F., 10:30. Three hours credit. Christensen.

An analysis of the social institutions of primitive people and how those institutions have developed. The meaning and content of culture.

97, 98, 99. **Recent Social Trends.** Autumn, Winter, Spring. M., 4:30. Two hours credit each quarter. Christensen.

A cross-section of contemporary American civilization. Special attention will be given the reports of the Hoover Commission on Social Trends.

Graduate Courses

101, 102, 103. **Research.** Time and credit to be arranged. Swenson.

Opportunity is given for the student to work out a problem in the field of his greatest interest. Direction in the methodology of research in the social science field, and in the presentation of material.

151. **Community Organization.** Spring. M. W. F., 9:30. Three hours credit. Swenson. (See Sociology 51.)

161. **Educational Sociology.** Autumn. 9:30. Three hours credit. Swenson.

171. Juvenile Sociology. Spring. Two hours credit. Boyle.

175. The Family. Spring. Three hours credit. Swenson.

186. Social Organization. Winter. Three hours credit.

190. Labor Problems. Winter. Three hours credit.

191. Labor Legislation. Spring. Three hours credit.

194. Anthropology. Autumn. Two hours credit. Hansen.

195. Cultural Anthropology. Winter. Three hours credit. Christensen.

196. Research. Time and credit to be arranged.

197, 198, 199. Recent Social Trends. Autumn, Winter, Spring. M,. 4:30. Two hours credit each quarter. Christensen.

A cross-section of contemporary American civilization. Special attention will be given the reports of the Hoover Commission on Social Trends.

200. Thesis.

SPEECH

Professors Pardoe, Morley, De Jong, Romney.

Students majoring in this department are required to furnish two years in a foreign language. They may elect one of the two divisions, public speaking, or dramatic art. Requirements for public speaking are Speech 1, 2, 3, 4, 11, 12, 51, 52, 53, 84p, 91, and 95. Requirements for dramatic art are Speech 1, 2, 11, 12, 22, 42, 43, 61, 62, 72, 73, 77, 78 or 79, 81p, 87p, 91, and 95.

It is advisable to register for Physics 11, Psychology 11, Psychology 74, and Art 21.

Students minoring in Speech should qualify in the following courses: Speech 1, 2, 4, 11, 12, 51 or 52, 72 or 73, 91, and 95.

Lower Division Courses

*1. **Principles of Speech.** Autumn. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 3 and 4, M. W.; Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Pardoe, Morley, Romney.

The elements of speech, proper carriage, and simple outline of speeches constitute the major portion of this course.

*2. **Open Forum Discussion.** Winter. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 3 and 4, M. W.; Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30 Two hours credit. Pardoe, Morley, Romney.

Encouragement and practice in extemporaneous speech and application of speech principles. Vocabulary building.

*3. **Speech Analysis.** Spring. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 2 and 4, M. W.; Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Pardoe, Morley, Romney.

The study of masterpieces and models of speech composition. Practice in delivery and analysis. Individual needs especially motivated.

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*Classes in Speech 1, 2, 3, 11, 12, and 13, are limited to twenty members. Assignments are made by Speech Department at registration.

4. **Voice and Diction.** Autumn, Winter, Spring. T. Th., 2:30. Two hours credit. Morley.

A laboratory study and supervised development of good voice and diction. Especially planned for prospective teachers.

*11. **Elementary Speech Problems.** Autumn. Sec. 1, M. W.; Sec. 2, T. Th., 8:30; Sec. 3, M. W.; Sec. 4, T. Th., 10:30; Sec. 5, M. W.; Sec. 6, T. Th., 2:30. Two hours credit. Pardoe.

Fundamental principles of speech arts, with emphasis on pantomime.

*12. **Classical Literature.** Winter. Sec. 1, M. W.; Sec. 2, T. Th., 8:30; Sec. 3, M. W; Sec. 4, T. Th., 10:30; Sec. 5, M. W.; Sec. 6, T. Th, 2:30 Two hours credit. Pardoe.

Application of the elements of reading to great scenes of classical literature.

*13. **Dramatic Monologue.** Spring. Sec. 1, M. W.; Sec. 2, T. Th., 8:30; Sec. 3, M. W.; Sec. 4, T. Th., 10:30; Sec. 5, M. W.; Sec. 6, T. Th., 2:30. Two hours credit. Pardoe.

Special attention is given to the dramatic monologue and soliloquy.

21. **Interpretative Literature.** Autumn. M. W. F., 9.30. Three hours credit.

Character delineation forms a great portion of this work.

22. **Dialogue and Scene Presentation.** Winter. M. W. F., 9:30. Three hours credit. Pardoe. Courses 11, 12, and 13 are prerequisites.

The great scenes from Shakespeare and classical literature. Character analysis and presentation.

42. **Practical Phonetics.** Autumn. T. Th., 1:30. Two hours credit. DeJong.

A course prescribed for all majoring in speech.

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*Classes in Speech 1, 2, 3, 11, 12, and 13, are limited to twenty members. Assignments are made by Speech Department at registration.

Given to aid students to acquire a better understanding of English and foreign diction. (See Department of Modern and Classical Languages, Phonetics 42.)

43 or 44. Representative Dialect. Spring. M. W. F., 9:30. Three hours credit. Pardoe. Speech 42 is a prerequisite.

A study of dialect as an element in interpretation. Scotch, Italian and Yiddish alternate each year with Cockney, Negro, and class choice. Scotch on even years.

Upper Division Courses

51. Advanced Speech Composition. Autumn. M. W. F., 8:30. Three hours credit. Morley.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery.

52. Argument and Debate. Winter. M. W. F., 8:30. Three hours credit. Morley. Prerequisite: English 1, 2, 3, and Speech 1 and 2.

A study of the principles of argument followed by a series of debates on current questions. (See English 52.)

53. Lecture and Sermon. Autumn, Winter, and Spring. T. Th., 11:30. Two hours credit. Morley. (See Rel Educ. 69.)

A course for seminary teachers and those preparing for missionary work.

57. Advanced Debate. Winter. One hour credit. For such members of the debating squad as can qualify and register for this course, subject to the approval of the Speech Department.

61. Speech Projects. Autumn. T. Th., 3:30. Two hours credit. Pardoe.

A speech seminar for the study of individual problems. Required of all majors. Course prepares for 62.

62. Impersonation. Winter. M. T. W. Th., 3:30. Four hours credit. Pardoe.

An advanced course leading to the reading of full programs. Only those who have built a proper voice foundation, can qualify in Speech 1, 2, 11, 12, 13, and 22 are eligible. Speech 61 is obligatory for this course.

63. Interpretation of Modern Drama. Autumn. W., 7:00 p. m. One hour credit. Pardoe.

A study of world drama.

64. Interpretation of Modern Drama. Winter. W., 7:00 p. m. One hour credit. Pardoe.

Modern drama analyzed and dramatically presented.

71. Stage Craft. Autumn. M. W. F., 2:30. Three hours credit. Pardoe.

It is suggested that students take Art 21 as a preparation for this course.

72. Play Production. Winter. M. W. F., 2:30. Three hours credit. Pardoe. Three classes and one laboratory period per week. Advanced students only. Courses 11, 12, 13, and 22 are prerequisite.

73. Acting. Spring. M. W. F., 2:30. Three hours credit. Two classes and one laboratory period per week. Advanced students only. Required of all Speech Seniors. Pardoe.

77. History of Dramatic Production. Autumn. T. Th., 1:30. Two hours credit. Morley.

The Egyptian, Grecian, and Roman Theatre. A study of the means employed in the theatrical presentations of these periods.

78. History of Dramatic Production. (Oriental and Medieval.) Winter. T. Th., 1:30. Two hours credit. Morley.

79. History of Dramatic Production. (Elizabethan.) Spring. T. Th., 1:30. Two hours credit. Morley.

81p. Dramatic Technique. One hour credit per quarter for each recitation per week. Pardoe.

An intensive individual course in advanced interpretation. Time and fee to be arranged with instructor.

84p. Public Speaking. One hour credit per quarter for each recitation per week. Pardoe and Morley.

An intensive individual course designed for those who desire to concentrate on organization and delivery of the more advanced forms of public speech. Time and fee to be arranged with instructor.

87p. Voice and Speech Improvement. One hour credit per quarter for each recitation per week. Pardoe and Morley.

An intensive individual course designed to help the student acquire good speech habits with particular attention to development of a pleasing, well-modulated speaking voice. Time and fee to be arranged by instructor.

91. Methods of Teaching Speech. Spring. T. Th., 8:30. Two hours credit. Morley.

Organization of high school departments of speech. Selection of materials and methods to be employed in speech teaching.

95. Speech Correction. Winter. M. W. F., 9:30. Three hours credit. Morley.

Laboratory and clinical methods for the study and correction of speech defects.

Graduate Courses

105. Psychology of Speech. Autumn. M. W. F., 9:30. Three hours credit. Morley.

A study of the psychological elements of language and expression.

131. Technique of Play Writing. Winter. Three hours credit. Pardoe. Time to be arranged.

132. Technique of Play Writing. Spring. Time to be arranged. Three hours credit. Pardoe.

The writing and producing of original plays, with emphasis upon western themes.

143 or 144. Dialect Research. Spring. M. W. F., 9:30. Laboratory, two hours per week. Three hours credit. Pardoe. Speech 42 prerequisite.

153. Lecture, Sermon, and Oration. Spring. M. W., 8:30. Two hours credit. Morley.

171. Stage Craft. Autumn. M. W. F., 2:30. Three hours credit. Pardoe.

173. Acting Spring. M. W. F., 2:30. Three hours credit. Pardoe.

177. History of Dramatic Production (Ancient). Winter. T. Th., 1:30. Two hours credit. Morley.

178. History of Dramatic Production (Oriental and Medieval Theatre). Winter. T. Th., 1:30. Two hours credit. Morley.

179. History of Dramatic Production. Includes the Elizabethan period. Spring. T. Th., 1:30. Two hours credit. Morley.

180p. Speech Clinic. Students may enter at any time during the year. Morley.

Corrective treatment of stuttering, stammering, lisping, oral inaccuracy, poor voice and other forms of speech and voice disorders. A thorough diagnosis will be made and treatment organized in accordance with individual needs. Time and fee to be arranged.

191. Methods of Teaching Speech. Spring. T. Th. Two hours credit. Morley.

195. Speech Correction. Winter. M. W. F., 9:30. Three hours credit. Morley.

Laboratory and clinical methods for the study of various speech defects An individual research problem required.

200. Thesis. Three to five hours credit. Time to be arranged. Pardoe, Morley.

Individual research upon a problem of importance to speech. Ability to conduct experiments necessary. Subject must be submitted for work during at least three quarters.

ZOOLOGY AND ENTOMOLOGY

Professor Tanner; Doctors Cullimore, Oaks; Mr. Hayward, Miss Snow, Mr. Jorgensen.

Students majoring in this department must complete courses 11, 18, 30, 55, 56, 71, 72, 75, 80, 82, 83 and 94. Substitution of other courses is permitted in special cases. Students are also advised to complete two years of German and French if they contemplate doing advanced work in Zoology or Entomology.

Students who expect to study Medicine may take Zoology for their major subject and complete the courses advised or they may take the following courses: 11, 18, 55, 56, 70, 71, 72, and 75.

Students who desire to teach Biology in the high school should complete the following courses: 11, 30, 55, 56, 58, 65, 69, 70, and 75; Botany 1 and 3; Bacteriology 21 and 22.

Facilities for the Study of Zoology and Entomology

The natural history collections consist of a very complete collection of Utah fish, amphibians, reptiles, birds, and mammals. This collection is also supplemented by the Chester Van Buren collection of birds from Magdelena River of Colombia, the David Starr Jordan collection of fish from the Hawaiian Islands. The entomological collection contains authoritatively named specimens in all the orders of insects. The pinned isects are placed in four hundred trays, 18x19 inches in size, two inches deep. The specimens are pinned in unit boxes. The Lepidoptera collection is a very complete one of Utah and the Great Basin region. It contains over six hundred named species and ten thousand specimens. It is made up of the famous Tom Spalding collection and the Chester Van Buren collection. The Cleoptera collection contains over six thousand determined species and forty thousand specimens. It contains a very complete collection of weevils, the Chas. W. Leng collection of 1676 species, 300 species from the Blatchley collection, and the Charles Schoeffer weevil collection, consisting of 813 species. Many types of cotype and paratype specimens are in the collections. All these collections are housed in the new fire-proof Geo. H. Brimhall Building.

ZOOLOGY

Lower Division Courses

11. General Zoology. Autumn. T. Th., Sec. 1, 8:30; Sec. 2, 10:30; Winter. Sec. 1, T. Th., 10:30; Spring. T. Th., Sec. 1, 10:30; Laboratory Sec. 1, T. Th., 1:30-3:30; Sec. 2, T. Th., 3:30-5:30; Sec. 3, M. W., 1:30-3:30; Sec. 4, M. W., 3:30-5:30. Four hours credit.

Tanner, Hayward, and Jorgensen.

Fundamentals of structure, physiology, development, heredity, adaptations, classifications, and bearing of Biology on human life.

18. **Evolution and Genetics.** Winter and Spring. M. W. F., 10:30. Three hours credit. Prerequisite: Zoology or Botany Laboratory course. Hayward.

A course dealing in a general way with the theories and evidences of organic evolution. The laws and physical basis of heredity are studied in the light of their relationship to evolution.

23. **Animal Ecology.** Spring. M. W. F., 9:30. Three hours credit. Tanner.

The environment, natural habitats, adaptions, relationships of organisms, and distribution of species and communities will be considered.

Upper Division Courses

55. **Invertebrate Zoology.** Winter. T. Th., 8:30. Laboratory M. W., 1:30-4:30. Four hours credit. Hayward.

This course is designed to follow Zoology 11, and is intended to give the students a broader knowledge of the morphology and relationship of the invertebrate groups.

56. **Comparative Anatomy.** Spring. T. Th., 8:30. Laboratory, M. W. F., 1:30-4:30. Five hours credit. Hayward.

A detailed study of the comparative anatomy of the vertebrates.

57 and 157. **Vertebrate Zoology**; Birds and Mammals. Spring. 7:30. Laboratory, M. W. F., 7:30. Three hours credit. Hayward. Prerequisite: Zoology 11.

A course in the evolution, structure, classification, and distribution of birds and mammals with special reference to the Utah species.

58. **Health Education for Teachers.** Autumn, Winter,

Spring. M. W., 1:30. Two hours credit. Cullimore, Oaks. (See Elementary Education 58.)

Designed especially for those who are preparing to teach in the public schools.

59 and 159. Cold Blooded Vertebrates; Fish, Amphibians and Reptiles. Winter. M. W. F., 8:30. Three hours credit. Tanner.

An introductory course dealing with the problems relating to the evolution, life history and classification of cold blooded vertebrates found in this region.

65. Human Physiology. Autumn. T. Th., 9:30. Laboratory Sec. 1; T. Th., 1:30 to 3:30; Sec. 2, T. Th., 3:30 to 5:30. Four hours credit. Hayward and Cullimore. Prerequisite: Zoology 11. (See Animal Husbandry 65.)

This course is designed to give the student a working knowledge of the life processes as they function in man.

69. Methods of Teaching Biology. Winter and Spring. Two hours credit. Tanner, Martin, Hayward, and Snow. (See Botany 69.)

A course in the methods of organizing and presenting the subject matter in the high school biology course.

70. Histological Technique. Autumn. M. W. F., 1:30-3:30. Two hours credit. Jorgensen.

Practical training in fixing tissues, embedding, sectioning, straining, and mounting of permanent specimens.

71. Histology. Winter. M. W. F., 1:30-3:30. Three hours credit. Jorgensen.

Microscopic study of the structure of the tissues and organs of animals.

72. General Embryology. Spring. W. F., 9:30. Laboratory, T. Th., 1:30-4:30. Three hours credit. Jorgensen

The origin and development of the organs and organ-systems of vertebrate animals, especially the chick, are studied.

73. **Aquatic Zoology.** Autumn. M. W. F., 9:30. Three hours credit. Tanner.

A general course in the study of fresh water animals of Utah Lake.

75 and 175. **History of Biology.** Winter. T. Th., 10:30. Two hours credit. Tanner.

A study of the development of biological thought from the time of the earliest writers to the present.

79. **Eugenics.** Spring. M. W. F., 10:30. Tanner. Prerequisite: Some laboratory course in Zoology or Botany.

The laws of natural inheritance, population problems, environment, reform, marriage and divorce, and state aid for education.

80, 81. **Junior Year Seminar.** 82, 83. **Senior Year.** Autumn, Winter. W., 4:30. One hour credit each quarter. Staff

Required of all majors in this department during their junior and senior years.

85. **Fresh Water Zoology Problems.** Spring. Time and credit to be arranged. Tanner.

Special problems dealing with the Plankton, Mollusks, insects, fish, etc., of the lake. Problems will be assigned to individual students. (Not given this year.)

91, 92, 93. **Field Zoology.** Time and credit to be arranged. Tanner and Hayward.

Students may make extensive collections of the animal life of this state or adjoining states and then make a report in the same. This course aims to give training in systematic Zoology and museum work.

Graduate Courses

113, 114, 115. Research Work in Systematic and Economic Ornithology. Time and credit to be arranged.

117, 118, 119. Zoological Research. Time and credit to be arranged.

This course is open to all students prepared to do graduate work in any branch of zoological science.

200. Research. Thesis. Credit by arrangement.

This course is required of all students seeking a master's degree in this department.

ENTOMOLOGY

Lower Division Courses

30. Elementary Entomology. Autumn. M. W. F., 9:30. Three hours credit. Tanner

This course is intended to interest students in insect life. A study of the structure, development and classification of some of the more important insects will form a basis of this course.

31. Morphology of Insects. Winter. M. W. F., 9:30; Th., 1:30-4:30. Four hours credit. Tanner.

It is the purpose of this course to teach the structures of insects and the importance of these structures in a systematic study of insects A few typical insects will be thoroughly studied.

32. Insect Classification. Spring. M. W. F., 9:30; Th., 1:30-4:30. Four hours credit. Tanner.

Students will collect and study systematically the insect fauna of the Provo region. Prerequisite: Course 31.

34. Economic Entomology—Field, Orchard and Garden Insects. Spring. M. W. F., 10:30. Three hours credit. Jorgensen. Laboratory, M., 2:30-5:30.

A study of the principal injurious and beneficial insects of the field, orchard and garden. Will include field, laboratory, and bibliographic work. Prerequisite course 30.

Upper Division Courses

61. **Advanced Study of the Hymenoptera.** Autumn, Winter, Spring. Three hours credit. Time to be arranged. Hayward.

A morphological and systematical study of the groups of western Hymenoptera in which the student may be interested

62. **Advanced Study of the Coleoptera.** Autumn, Winter, Spring. Three hours credit. Time to be arranged. Tanner.

Students may study the weevils or other Coleoptera from the systematic, morphological, or economic standpoint.

63. **Arthropods of the Intermountain States.** Spring. M. W. F., 10:30. Three hours credit. Tanner.

A general course dealing with the morphology, physiology, and classification of the Arthropods of this region. An important course for all majors in Zoology. (Not given this year.)

64. **Advanced Entomology.** Winter and Spring. Time and credit to be arranged.

Open only to advanced students who are prepared to do systematic, morphological, or economic work.

94. **Principles of Nomenclature.** Winter. M., 4:30. One hour credit. Tanner.

A lecture course dealing with the principles of nomenclature and intended to meet the needs of students from any of the biological departments.

96. **Special Problems in Entomology.** Winter and Spring. Two hours credit. Time to be arranged. Tanner.

Students will be encouraged to study the internal morphology of various groups of insects.

Graduate Courses

102, 103, 104. Special Problems in Systematic Entomology. Time and credit to be arranged.

Studies in the structure and classification of certain groups of insects as Coleoptera, Diptera, Hymenoptera, etc.

105, 106. Research Work in Insect Morphology. Time and credit to be arranged.

Special emphasis will be placed upon the morphology of the beetles. However, students may choose any group for detailed study.

107, 108, 109. Special Problems in Economic Entomology. Time and credit to be arranged.

The student is here given an opportunity to make a more or less detailed study of some insect or group of insects of economic importance. Students are encouraged to do considerable life history work.

110, 111, 112. History of Entomology. A one hour lecture or seminar course required of all graduate students. Time and credit to be arranged.

Extension Division

FACULTY

FRANKLIN STEWART HARRIS, **President**
HARRISON R. MERRILL, **Director**
CARLTON CULMSEE, **Secretary Extension Division**
ALFRED OSMOND, **English**
CHRISTEN JENSEN, **History and Political Science**
ELBERT H. EASTMOND, **Art**
AMOS N. MERRILL, **Secondary Education**
EDWARD H. HOLT, **Office Practice**
BENJAMIN F. CUMMINGS, **Languages**
THOMAS L. MARTIN, **Agronomy**
HUGH M. WOODWARD, **Philosophy of Education**
WILLIAM J. SNOW, **History**
T. EARL PARDOE, **Speech**
M. WILFORD POULSON, **Psychology**
VASCO M. TANNER, **Zoology and Entomology**
GERRIT DE JONG, JR., **Languages**
HERALD R. CLARK, **Finance and Banking**
GEORGE H. HANSEN, **Geology and Geography**
ELMER MILLER, **Economics**
MILTON MARSHALL, **Physics**
GUY C. WILSON, **Religious Education**
J. MARINUS JENSEN, **English**
JOSEPH SUDWEEKS, **Religious Education**
C. S. BOYLE, **Accounting and Business Administration**
EFFIE WARNICK, **Home Economics**
WAYNE B. HALES, **Physics and Mathematics**
IDA SMOOT DUSENBERRY, **Psychology**
WILLIAM H. SNELL, **Mechanic Arts**
ASAEL C. LAMBERT, **Educational Administration**
EDGAR M. JENSON, **Educational Administration,**
ALONZO J. MORLEY, **Speech**
H. GRANT IVINS, **Animal Husbandry**
A. REX JOHNSON, **Marketing**
JOHN E. HAYES, **Registrar**
KIEFER B SAULS, **Secretary to the President, Purchasing Agent**

ELSIE C. CARROLL, **English**
C. LAVOIR JENSEN, **Mathematics**
W. ELMO COFFMAN, **Science**
C. LYNN HAYWARD, **Zoology**
BERTRAND F. HARRISON, **Botany**
IRENE S. BARLOW, **Home Economics**
F. WILCKEN FOX, **Bureau of Visual Instruction Secretary**
MRS. CHRISTEN JENSEN, **English**
MRS. NELLIE THORNTON, **English**
J. F. WAKEFIELD, **Apiculture**
A. A. ANDERSON, **Scouting**

Never before in the world's history were so many people attending college. But great as has been the increase in enrollment of resident students, it does not compare with the remarkable growth of what has come to be termed "Adult Education."

Doubtless, the growth of adult education is partly due to the necessity of people learning new things. The development of science and invention has been so rapid in recent years as literally to flood the earth with strange new devices. Old occupations have been destroyed and new ones created. There has come an amazing demand from the general population for instruction suited to its needs.

The Extension Division brings the University departments of instruction to your door. If you would study history, literature, mathematics, or practically any other subject in the University, you can now study it under expert guidance through the Home Study Bureau.

Directed Home Study

Hundreds of students are enrolled annually in courses, the instruction in which is carried on by the correspondence method. This method has the advantage of placing the student in direct touch with the instructor and allowing him to study at home at hours suited to his convenience.

Extension Division Aims

To render service to those who are unable to take advantage of the benefits of attending an educational institution, is the chief aim of the Extension Division of the Brigham Young University. To this end, correspondence courses and extension classes are offered to the public at a reasonable rate. Indeed, instruction by extension methods is more reasonable in Utah, than in the vast majority of states of the Union. Courses may be taken for credit or not.

Method of Instruction

After filing the application for enrollment and paying the fee, the student is sent the assignments of the course. He is given full instruction as to the required reading and preparation of his lesson, including questions to test his knowledge of the ground covered.

After preparing for recitation, the student does the required written work and mails it to the Extension office. This paper is criticized by the instructor, graded and returned to the student.

Each correspondence course carries credit equivalent to the corresponding courses in residence and therefore covers a definite amount of work. Most of the courses contemplate the students' preparing about five assignments for each quarter hour of credit received.

Regulations

1. No degree is offered for work done wholly in absence.

2. A student may begin at any time a course for which he is prepared, and must complete it within a year from the time he registers. He must distribute his reports with approximate evenness throughout the period of study. Each assignment is aimed to cover about a week's study in that particular subject provided the student spends about an hour a day. If he desires to send in more than two assignments a week, he

should obtain permission from the instructor. Reports may be rejected if the student attempts to compress his work unduly.

3. A student may not take correspondence work while in residence without the consent of the Dean concerned.

4. A student who does not report either by letter or lesson within a period of ninety days may thereby forfeit his right to further instruction in the course.

5. Unless otherwise stated examinations are required in all courses before credit is given. These examinations must be supervised by a responsible school official. Where it is convenient, the examination should be taken at the University.

Entrance Requirements

Registration for extension courses demands the same entrance requirements as do courses in residence. That is, matriculation for college courses presupposes sixteen units of high school work. However, exception may be made in favor of mature students, or those who have practically completed their high school work.

Fees

The charge for correspondence courses is at the rate of $2.50 a credit hour, except as indicated in some courses, with a minimum fee of $5.00.

Fees will not be refunded because of inability of the student to continue a course for which he has registered. Permission to change to some other course may be given, however.

Extension Classes

The faculty of the school goes out into the communities and organizes regular classes which receive very much the same instruction as do resident students in corresponding courses. These classes are designed to meet the needs of persons who are not resident students of an educational institution. The usual procedure where such a class is desired is for the group to send to the Extension Division for an instructor.

Visual Instruction

Schools, seminaries, and other non-theatrical organizations throughout the intermountain region have access to the Bureau of Visual Instruction library of 16-millimeter motion pictures, 35-millimeter filmstrips and glass slides. Illustrative material for practically every course in the usual curriculum is available. During the 1935-36 school year approximately 17,000 students ranging from kindergarten to college grade, regularly viewed educational pictures from the Bureau and many hundreds of others attended occasional showings. It is commonly found that the proper use of visual aids to instruction leads to a measurable increase in learning.

Lectures and Entertainments

Members of the faculty have addressed or entertained in the neighborhood of two hundred thousand people in Utah and surrounding states during each of the past few years. These lectures and entertainments have for the most part been free except for transportation charges.

Social Service

In this department there is included miscellaneous service consisting of recreation, club programs, pageants, visual education, etc.

Publications

The Extension Division publishes from time to time circulars of general or specific interest. These circulars may be on any one of a wide number of subjects. In fact, any department of the University may have the opportunity of publishing material through this bureau as far as resources will permit.

Leadership Week

The first annual Leadership Week was held in January, 1922. Since that time it has been an annual event. In the 15th week, in 1936, the attendance represented 86 stakes of the Church. Thirty-three short courses were given. Several thousand men and women from many parts of the continent attended the departmental sessions, entertainments, and general assemblies at which leaders of thought in Church, education, and government offered information and inspiration.

CORRESPONDENCE COURSES

NOTE: Courses marked "x" are either not given in residence or do not correspond precisely to residence courses in the same subject. All other courses parallel residence courses by the same number.

ACCOUNTING AND BUSINESS ADMINISTRATION

1. **Elementary Accounting.** Five hours credit. Boyle.
2. **Elementary Accounting.** Five hours credit. Boyle.
14x. Commercial Art. Two hours credit. Jenson. Fee $7.00.
30. Commercial Geography. Five hours credit. Hansen.
50. Intermediate Accounting. Four hours credit. Clark.
51. Intermediate Accounting. Three hours credit. Clark.
52. Intermediate Accounting. Four hours credit. Clark.
61. Personnel Management. Three hours credit. Boyle.
62. Personnel Management. Three hours credit. Boyle.
63. Personnel Management. Three hours credit. Boyle.
74. Principles of Satistics. Three hours credit. Boyle.
75. Business Statistics. Two hours credit. Boyle.

AGRONOMY

21. Root Crops. Four hours credit. Martin.
22. Cereal Crops. Four hours credit. Martin.
23. Forage Crops. Four hours credit. Martin.
41. Soils. Three hours credit. Martin.
92. Bacteria in Relation to Soil Fertility. Three hours credit. Martin.
94. History of Agriculture. Three hours credit. Johnson.
99. Agricultural Literature. Credit to be arranged. Martin.

ANIMAL HUSBANDRY

2. History of Breeds of Live Stock. Five hours credit. Ivins.
8. Practical Poultry Farming. Three hours credit. Ivins.

ART

14x. Commercial Art. Two hours credit. Jenson. Fee $7.00.
17x. Illustration. Two hours credit. Eastmond. Fee $7.00.
47. Art Pageantry Production. Two hours credit. Eastmond.

BOTANY

21. General Bacteriology. Three hours credit. Martin.
55x. Local Flora. Three or five hours credit. Harrison.
90. Advanced Systematic Botany. Harrison.

DRAWING

4. Drawing. Two hours credit. Snell.
5. Drawing. Two hours credit. Snell. Prerequisite 4.
6. Drawing. Two hours credit. Snell. Prerequisite 5.
10. Instrumental Perspective. Two hours credit. Snell. Prerequisite 4, 5, 6, or equivalent.
13. Architectural Drawing. Two hours credit. Snell. Prerequisite 4, 5 and 6.
14. Architectural Drawing. Two hours credit. Snell. Prerequisite 13.
15. Architectural Drawing. Two hours credit. Snell. Prerequisite 14.

ECONOMICS

5. Introduction to Economics. Five hours credit. Miller.
6. Principles of Economics. Five hours credit. Miller. Prerequisite: Economics 5.
14. Economics and Financial History of United States. Three hours credit. Miller.
31. Cooperative Marketing. (See Marketing 37.) Johnson.
61. Labor Problems. Three hours credit. Boyle.
90. Land Economics. Three hours credit. Johnson.
93. Economic History of Agriculture. Three hours credit. Martin.

EDUCATION

3. Literature for Children. Four hours credit. Dusenberry.

EDUCATIONAL ADMINISTRATION

5. Educational Administration. (See Elementary Education) Three hours credit. Lambert.
50. Rural Education. Three hours credit. Merrill.
60x. Youth and Its Leadership. Five hours credit. Lambert.
81. Old and New Type Examinations. Two hours credit. Sudweeks.
100. Independent Readings. Two hours credit. Lambert.

ELEMENTARY EDUCATION

5. **School Organization and Administration.** Three hours credit. Lambert.
22. **Hygiene and Sanitation.** Three hours credit. Hayward.

PHILOSOPHY OF EDUCATION

74. **Rural Sociology.** Three hours credit. Christensen. (See Sociology 53.)
81. **Science of Education.** Four hours credit. Woodward.
86. **History of Education.** Three hours credit. Woodward.

SECONDARY EDUCATION

53. **Organization and Administration.** Three hours credit. A. N. Merrill.
55. **Secondary Education in the United States.** Four hours credit. Merrill.
95. **Educational Guidance and Personnel.** Three hours credit. Merrill.

ENGLISH

1. **Rhetoric and Composition.** Three hours credit. Thornton.
2. **Rhetoric and Composition.** Three hours credit. Thornton. Continuation of course 1.
3. **Rhetoric and Composition.** Three hours credit. Thornton. Continuation of course 2.
4. **Business English.** Three hours credit. Mrs. Culmsee.
11. **Advanced English Grammar.** Four hours credit. Jensen

16x, 17x. **Survey of American Literature.** Four hours credit. Mrs. Jensen.

20, 21, 22. **Masterpieces of English Literature.** Six hours credit. Carroll.

21x, 22x, 23x. **Survey of English Literature.** Nine hours credit. Mrs. Jensen.

44x. **History and Development of the American Novel.** Four hours credit. Jensen.

50x, 51x, 52x. **Readings in World Literature.** Six hours credit. **Mrs. Jensen.**

53x, 54x, 55x. **Readings in World Literature.** Six hours credit. Mrs. Jensen.

57. Short Story Writing. Two hours credit. Osmond.

58x. The Modern Short Story. Three hours credit. Mrs. Jensen.

59x. Verse Writing. Two hours credit. Culmsee.

65. Recent Drama. Three hours credit. Pardoe.

76x. Tennyson. Three hours credit. Mrs. Jensen.

86-1x. The Poetry of Robert Browning. Three hours credit. Mrs. Jensen.

86-2x. Continuation of 86-1x. Three hours credit. Mrs. Jensen.

JOURNALISM

2x. Newswriting. Three hours credit. Culmsee.
52x. Feature Writing. Three hours credit. Culmsee.

FINANCE AND BANKING

51. Business Finance. Four hours credit. Clark.

52. Continuation of 51. Four hours credit. Clark.

53. Money and Banking. Four hours credit. Clark.

54. Investments. Four hours credit. Clark.

GEOLOGY AND GEOGRAPHY

1. Survey Course. Four hours credit. Hansen.

30. Geography of Economic Products. Five hours credit. Coffman.

80. Human Geography. Three hours credit. Hansen.

HISTORY

1x. History of Modern Europe, 1500-1680. Three hours credit. Snow.

2x. History of Modern Europe, 1680-1815. Continuation of course 1. Three hours credit. Snow.

3x. History of Modern Europe, 1815 to Present Time. Three hours credit. Snow.

10x or 11x. History of England. Three or six hours credit. Wilson.

18x or 51x. History of Civilization. Four hours credit. Snow.

20, 21, 22. American History. Nine hours credit. Jensen.

54x. Greek History. Three hours credit. Sperry.

HOME ECONOMICS

10x. Elementary Nutrition. Two hours credit. Barlow.

80. Household Administration. Three hours credit. Warnick.

MARKETING

22. Principles of Marketing. Three hours credit. Johnson.

24. Principles of Merchandising. Three hours credit. Johnson.

25. Principles of Advertising. Three hours credit. Johnson.

37. Marketing of Agricultural Products. Three hours credit. Johnson.

MATHEMATICS

11. College Algebra. Five hours credit. Marshall.

12. Plane and Spherical Trigonometry. Five hours credit. Marshall.

49. Analytic Geometry. Five hours credit. Hales.

50. Differential Calculus. Four hours credit. Hales.

51. Integral Calculus. Four hours credit. Hales.

GERMAN

13x. Directed German Reading. Three hours credit. Prerequisite, ten hours of German. de Jong.

57x, 58x, 59x. Directed German Reading. Three hours credit for each course. Prerequisite, fifteen hours of German. de Jong.

67x. German Composition. Three hours credit. Prerequisite, eighteen hours of German. de Jong.

FRENCH

3x. Directed French Reading. Three hours credit. Prerequisite, ten hours of French. Cummings.

57x, 58x, 59x. Directed French Reading. Three hours credit for each course. Prerequisite, fifteen hours of French. Cummings.

67x. French Composition. Three hours credit. Prerequisite, eighteen hours of French. Cummings.

SPANISH

13x. Directed Spanish Reading. Three hours credit. Prerequisite, ten hours of Spanish. Cummings.

57x, 58x, 59x. Directed Spanish Reading. Three hours credit for each course. Prerequisite, fifteen hours of Spanish. Cummings.

67x. Spanish Composition. Three hours credit. Prerequisite, eighteen hours of Spanish. Cummings.

OFFICE PRACTICE

11-12. Gregg Shorthand. Eight hours credit.

31. Business English. Three hours credit.

PHYSICAL EDUCATION

77, 78, 79. Scoutcraft. (See Religious Education.) Six hours credit. Anderson.

PHYSICS

16. Descriptive Astronomy. Four hours credit. Hales.

21. Meteorology. Four hours credit. Hales.

PSYCHOLOGY

11. General Psychology. Five hours credit. Poulson.

21. Elementary Educational Psychology. Three hours credit. Dusenberry.

64. Applied Psychology. Four hours credit. Poulson.

74. Advanced Educational Psychology. Four hours credit. Poulson. Prerequisite, three hours of Elementary Psychology.

RELIGIOUS EDUCATION

3x. Church History. Two hours credit. Wilson.

14. Genealogy. Two hours credit. Sudweeks.

19. Doctrine and Missionary Method. Two hours credit. Ivins.

20. History of Religious Propaganda. Two hours credit. Ivins.

66, 67. Old Testament History. Two or four hours credit. Martin.

77, 78, 79. Scout Leadership. Six hours credit. Anderson.

SOCIOLOGY

11-12 or 55-56. Elementary Principles of Sociology. Six hours credit. Christensen.

53. Rural Sociology. Three hours credit. Christensen.

SPEECH

1. **Public Speaking.** Three hours credit. Pardoe.
51. **Advanced Public Speaking.** Three hours credit. Pardoe.
72. **Theory of Play Production.** Three hours credit Morley.

ZOOLOGY AND ENTOMOLOGY

20. **Health Education.** Three hours credit. Hayward.
32. **Insect Classification.** Credit to be arranged. Tanner.
32x. **Apiculture.** Three hours credit. Wakefield.
79. **Eugenics.** Three hours credit. Tanner.
93. **Field Zoology.** Credit to be arranged. Tanner.

HIGH SCHOOL COURSES

ENGLISH

d. **A Study of the Types of Literature.** One unit credit.

GEOGRAPHY

a. **Economic Geography.** One unit credit. Coffman.

MATHEMATICS

a. **High School Algebra.** One unit credit. Jensen.
b. **Plane Geometry.** One unit credit. Coffman.
c. **Second Course in Algebra.** One unit credit. Jensen.
d. **Solid Geometry.** One-half unit credit. Marshall.

Training Schools

AMOS N. MERRILL, **Acting Dean of College of Education**
EDGAR M. JENSEN, **Director, Training Schools**

GENERAL SUPERVISORS:
    A. M. MERRILL, **Secondary Training**
    EDGAR M. JENSEN, **Secondary Training**
    HERMESE PETERSON, **Intermediate Grades**
    REUBEN D. LAW, **Upper Grades**

SECONDARY SCHOOL FACULTY

G. L. WOOLF, **Principal**
C. LAVOIR JENSEN, **Mathematics**
WM. F. HANSON, **Music**
W. ELMO COFFMAN, **Mathematics and Science**
HUGH W. PETERSON, **Science**
STELLA P. RICH, **English**
VIRGINIA BOOTH, **Home Economics**
BILLIE HOLLINGSHEAD, **Social Science**
FRED DIXON, **Physical Education**
WILFORD D. LEE, **English**
THOMAS BROADBENT, **Social Science and Language**
ANTONE NISSON, **Biology**
OA LLOYD, **Office Practice**
W. H. BOYLE, **Economics and Sociology**
MAY BILLINGS, **Domestic Art**
DONALD OLSEN, **Orchestra**
PERCIVAL BIGELOW, **Shop**
WILLIAM H. SNELL, **Shop**
WILMA JEPPSON, **Physical Education**

ELEMENTARY TRAINING SCHOOL FACULTY

HERMESE PETERSON, **Principal**
MAY C. HAMMOND, **First Grade**
LOLA C. JENSEN, **Second Grade**
FLORA FISHER, **Third Grade**
GLADYS KOTTER, **Fourth Grade**
GEORGIA MAESER, **Fifth Grade**
L. ELLIOTT TUTTLE, **Sixth Grade**

ORGANIZATION AND PURPOSE

The Training Schools are organized on a kindergarten 6-3-3 basis; viz: a kindergarten, an elementary division, a junior and a senior high school.

Students enrolled in the training schools have all the advantages of the University plant such as the use of the libraries, gymnasiums, laboratories, shops, athlet-fields, auditorium, etc. These enlarged opportunities, with the advantages of expert teachers, make the training schools especially attractive and advantageous to students of elementary and high school age.

Provisions are made for promotions from grade to grade and from one division to another so that pupils may enter either the kindergarten or first grade and remain in continuous attendance until they are graduated from one of the colleges of the University. The educational welfare of the students is safeguarded by an enriched curriculum, in addition, provisions are made for moral and religious training every year the student is in attendance.

JUNIOR HIGH SCHOOL

Pupils completing the first six grades are regularly promoted to the **Junior High School.** Here departmentalization begins, permitting of variation in courses and a wide range of contact with expert instructors. Entrance to the Senior High School is based upon the completion of the courses outlined for the Junior High School. A maximum of four units plus one year of Theology credit will be allowed for ninth year work to count toward filling group requirements and towards graduation from the Senior High School for those pupils coming from schools which do not maintain a Junior High School.

SENIOR HIGH SCHOOL

Students will be graduated from the **Senior High School** upon completion of twelve units of work in the

Senior High School. These twelve units of work with the exception of algebra and foreign lauguages, must be secured in Senior High School and must include all the constants prescribed in one of the four curricula.

AIMS AND REGULATIONS

It is the purpose of the high school to develop in its students, habits of regularity, punctuality and industry. Willing and serious application to the tasks at hand is considered of fundamental importance in meeting life situations. It is the aim of the school to have students work vigorously during the day in order to develop the above qualities and to cut down excessive home preparation of lessons. To achieve these aims, the following regulations apply to those enrolled:

(1) Students are accountable to the school for all their time during the school day, except the noon hour, until 3:30 in the afternoon, provided no classes are held after that time. Permission should be obtained from the principal and teachers in case students are required to leave the school at any time during the day. Attendance at study sessions is as obligatory upon the student as are class recitations. Such permission should be obtained **prior** to departure.

(2) All L. D. S. students are required to register for Theology. Students who fail continually to do satisfactory work in their courses in any department will not be permitted to remain in classes.

(3) Students are required to take the regulation courses in physical education during residence at this school. Students are released from this requirement only upon statement of physical disability signed by a competent physician. Satisfactory grades in physical education courses are required for graduation.

HIGH SCHOOL ACTIVITIES

Under the direction of the faculty and the student body organization, a full program of athletic and social affairs is provided for the junior and senior high school students.

All high school groups have regular social gatherings and recreational activities under faculty supervision and counsel. They have competitive activities in athletics, debating and public speaking, and essay writing. Each year the school produces a play or a musical program. The school is a member of the State High School Debating Association and the Utah High School Athletic Association. In addition to these opportunities for extra-curricular activity a regular High School Student Body organization is maintained with the various activities that naturally are sponsored by such organizations. The high school students have also the advantage of participation in the regular activities of the University student body life.

THE CURRICULA

Four curricula, or four groups of studies, are provided. As early as the ninth year and not later than the tenth year, pupils with the counsel of the parents and teachers, should make a choice of the group of studies (the curriculum) which they propose to pursue during the remaining years of high school study. This choice should be made with the definite intent of staying in that curriculum until graduation. Any marked deviation from recommended sequences in any given curriculum without very valid reasons will not be permitted. Transfer from one curriculum to another will delay graduation.

CREDIT

Those classes which require outside preparation which meet five days each week for full fifty minutes, and which continue for the full school year of 36 weeks of actual class work carry one unit of credit. In some cases students may transfer nine hours college credit for one unit of high school credit.

Students who register late or who discontinue before the end of the school year or miss a portion of their work during the school year can receive no higher grade than "Incomplete" until the required work of the course is completed. An incomplete grade carries no credit. Such a grade may be removed within one year and credit reecived.

SECONDARY TRAINING SCHOOL CURRICULUM

Junior High School

7th Grade
Subjects
Constants: Religion Class, Physical Education, English I, Geography, Mathematics I, Music, Reading, Domestic Science and Art, and Study Periods.
Electives: Art, French, German, Orchestra.

8th Grade
Subjects
Constants: Religion Class, Physical Education, English II, General Science, History, Mathematics II, Music, Reading, and Study Periods.
Electives: Art, French, German, and Orchestra.

9th Grade
Subjects
Constants: Religion Class, Physical Education, English, Biology, Community Civics.
Electives: Art, Algebra, Chorus, French A or B, German A or B, Domestic Science, Domestic Art, Orchestra, Shop, and Theory of Music.

SENIOR HIGH SCHOOL

Constants (required subjects in all Curricula. Students must register for these subjects).

10th Grade	11th Grade	12th Grade
English B— 5 periods Theology B— 2 periods Physical Education Study Periods	English C— 5 periods Theology C— 2 periods Physical Education Study Periods	English D*— 5 periods Sociology and Economics— 5 periods Theology D— 2 periods Study Periods

*Limited Registration.

Curriculum Group Requirements

According to the curriculum or group of studies chosen to be followed by the student, the following are required subjects for graduation:

(1)

General Course

(Leads to College Entrance)

- All Constants for the particular year 10th, 11th or 12th.
- Algebra (unless taken in 9th Grade), or
- Plane Geometry
- American History or European History
- Physics or Chemistry

(2)

Home-Making

- All Constants for the particular year
- Foods and Cooking
- Plain Sewing
- Dressmaking
- Home-Making
- Chemistry

(3)

Mechanics

- All Constants for the particular year
- Agriculture
- Shopwork
- Physics or Chemistry (preferably both)
- Mechanical Drawing

(4)

Business

- All Constants for the particular year
- Accounting A
- Accounting B
- Shorthand
- Typewriting

Note: Curricula 2, 3, 4, will satisfy all requirements for graduation from the Senior High School. They may not meet college entrance requirements; curriculum 1 meets college entrance requirements.

Electives: Courses required in any curriculum group are open as electives to all other Senior High School students who have already met the constants requirements.

SENIOR HIGH SCHOOL COURSES

Subject	Days	Curricular Classification	Year Taken	Credit
Art				
Art	2	Elective	10 to 12	½ unit
Business				
Accounting, Elem.	5	Business	10 to 12	1 unit
Accounting, Ad.	5	Business	11 to 12	1 unit
Shorthand	5	Business	11 to 12	1 unit
Typewriting, Elem	5	Business	10 to 12	½ unit
Typewriting, Adv.	5	Business	10 to 12	½ unit
English				
Composition, Literature and Grammar	5	Constant	11	1 unit
Grammar and Literature	5	Constant	10	1 unit
Literature	5	Elective	10 to 12	1 unit
Home Economics				
Dressmaking	5	Homemaking	10 to 12	½ unit
Homemaking	5	Homemaking	10 to 12	1 unit
Language				
French A or B	5	Elective	10 to 12	1 unit
Latin A	5	Elective	10 to 12	1 unit
German A or B	5	Elective	10 to 12	1 unit
Mathematics				
Algebra	5	Several	10 to 12	1 unit
Geometry	5	Several	10 to 12	1 unit
Arithmetic (Bus.)	5	Gen. Course	10 to 12	1 unit
Music				
Chorus	4	Elective	10 to 12	¼ unit
Orchestra	5	Elective	10 to 12	½ unit
Theory of Music	3	Elective	10 to 12	½ unit
Physical Education				
Physical Ed. (Girls)		Constant	9 to 12	¼ unit
Physical Ed. (Boys)		Constant	9 to 12	¼ unit
Religious Education				
Theology B	3	Constant	10	½ unit
Theology C	3	Constant	11	½ unit
Theology D	3	Constant	12	½ unit
Science				
Physics	5	Several	10-12th	1 unit
Physiology (1 sem.)	5	Elective	10-12th	½ unit
Chemistry	5	Several	10 to 12	1 unit
Agriculture (1 sem.)	5	Several		½ unit

Subject	Days	Curricular Classification	Year Taken	Credit
Shop				
Auto Mechanics	5	Mechanics	10 to 12	½ unit
Drafting A or B	5	Mechanics	10 to 12	½ unit
Woodwork A or B	5	Mechanics	10 to 12	½ unit
Social Science				
American History	5	Constant	10 to 12	1 unit
European History	5	Gen. Course	10 to 12	1 unit
Economics & Sociology	5	Gen. Course	10 to 12	1 unit
Geography	5	Gen. Course	10 to 12	½ unit
Psychology (1 sem.)	5	Gen. Course	10 to 12	1 unit
Speech				
Dramatic Art	5	Elective	10 to 12	½ unit
Public Speaking	5	Elective	10 to 12	½ unit

Graduates 1935-36

MASTER DEGREES

Master of Arts

BECK, JAY VERN......American Fork
A. B. Degree, Brigham Young University, 1933.
Major. Chemistry.
Thesis—Studies on Utah "Dixie Molasses."

CANDLAND, HELEN......Provo
A. B. Degree, Brigham Young University, 1924.
Major: English.
Thesis—A study of the Form and Content of Verse Written by College Students During the Depression years of 1931-35.

HALLIDAY, JOHN R.......Pleasant Grove
A. B. Degree, Brigham Young University, 1935.
Major: Music.
Thesis—A Comparative Study of the Juon Theory of Modulation and Others Extant Today.

HARRIS, FRANKLIN S., JR.......Provo
A. B. Degree, Brigham Young University, 1931.
Major: Physics.
Thesis—A Critical Study of the Apparatus Used by Beniams in His Study of the Emission of Positive Ions from Heated Filaments Coated with Metallic Salts.

JOHNSON, D. ELMER......Provo
A. B. Degree, Brigham Young University, 1935.
Major: Zoology.
Thesis—A Further Study of Utah Asilidae.

WASHBURN, J. NILE......Lehi
A. B. Degree, Brigham Young University, 1928.
Major: English.
Thesis—A Critical Study of Latter-day Saint Poetry from 1847 to 1877.

WOOLF, GOLDEN LEGRAND......Provo
A. B. Degree, Brigham Young University, 1934.
Major: Education.
Thesis—Statutory Provisions in the School Codes of the Forty-eight States Defining the Need for Transporting Pupils at Public Expense.

Master of Science

GRAHAM, ELLIS......Fairview
B. S. Degree, Brigham Young University, 1933.
Major: Agronomy.
Thesis—The Role of Alkali Lignins from Corn and Wheat in the Conservation of Nitrogen in the soil.

HARRIS, A. WAYNE..Portage
B. S. Degree, Brigham Young University, 1934.
Major: Geology.
Thesis—Structural Interpretations in the Rock Canyon Area of the Southern Wasatch Mountains.

KENNER, GLEN R. ....Manti
B. S. Degree, Utah State Agricultural College, 1934.
Major: Marketing.
Thesis—Marketing of Utah Wool—Its History and Its Problems.

KING, ALMA W. ....Garland
B. S. Degree, Brigham Young University, 1930.
Major: Religious Education.
Thesis—A survey of the Religious, Social and Economical Activities of the Returned Missionaries of the Church of Jesus Christ of Latter-day Saints Who Now Live in the Garland Ward of the Bear River Stake, Utah.

LARSEN, C. EUGENE..Provo
B. S. Degree, Brigham Young University, 1934.
Major: Botany.
Thesis: The Development of the Embryo of Iris Missouriensis Nutt.

LIDDLE, J. DOYLE..Payson
B. S. Degree, Brigham University, 1930.
Major: Zoology.
Thesis— A Food Habit Study of the English Sparrow in Central Utah.

MERRILL, DAVID MARINER..Provo
B. S. Degree, Brigham Young University, 1935.
Major: Education.
Thesis—A Comparative Analysis of Published Courses of Study in Art with Respect to Their Content and Organization.

OAKS, V. LEROY..Provo
B. S. Degree, Brigham Young University, 1932.
Major. Bacteriology.
Thesis—A Study Dealing with the Significance and Frequency of Occurrence of Various Classes of Pathogenic Organisms in Human Nasal Sinuses.

VEST, EDWIN T. ....Ogden
B. S. Degree, Brigham Young University, 1934.
Major: Zoology.
Thesis—A Morphological and Histological Study of the Alimentary Tract of Odynerus (Fabricus) Hymenoptera with Some Notes on Its Life History.

WADLEY, LA VERE..Pleasant Grove
B. S. Degree, Brigham Young University, 1930.
Major: Education.
Thesis—The Development of a Technique for Representing Graphically the Accessibility of School Plants to School Populations.

BACHELOR DEGREES

COLLEGE OF APPLIED SCIENCE

A. B. Degree

Brown, Beatrice	Ogden

B. S. Degree

Binns, Ellen	American Fork
Black, Mary Powell	Delta
Brooksby, Irene	Fredonia, Arizona
Bloomfield, Owen F.	Kirtland, New Mexico
Brown, LaJune	Salt Lake City
Dean, John O.	American Fork
Despain, Dale	Lovell, Wyoming
Dixon, Maurine	Provo
Ellsworth, Edna	Lewisville, Idaho
Foy, Joseph C.	Panguitch
Fullmer, Bert L.	Springville
Kay, Afton	Charleston
Kimball, Virginia M.	Provo
Larsen, Grant F.	Stirling, Canada
Lott, Willard C.	Huntington
Marsden, Althea	Cardston, Canada
McAllister, Rhean	Spanish Fork
Mortenson, Estella	Manassa, Colorado
Nielson, Averil B.	Ephraim
Ohlwiler, J. Wendell	Heber City
Redd, Merene	Blanding
Robison, Alpha J.	Baker, Nevada
Salisbury, Wilma	Independence,, Missouri
Shawcroft, Dee	LaJara, Colorado
Starr, Edna	Springville
Stephensen, Maurine Powell	Levan
Wadley, Bryce N.	Pleasant Grove
Young, Helen	American Fork

COLLEGE OF ARTS AND SCIENCE

A. B. Degree

Anderson, Gerald J.	Price
Anderson, James G.	Price
Becker, Teut	Bend, Oregon
Bee, Lawrence S.	Provo
Biddulph, Clyde	Provo
Broadbent, Thomas L.	Ogden
Christensen, W. Blake	Provo
Clark, James R.	Grantsville
Colton, Glade B.	New York City
Condie, Marguerite Sears	Afton, Wyoming
Cottam, Alma	St. George
Dixon, Howard Banks	Provo
Doman, Rulon W.	Idaho Falls, Idaho

Domina, John Clayton	Aberdeen, Idaho
Duke, Kenneth L.	Heber
Eastmond, Thomas Hull	Provo
Fahring, Ray L.	Helper
Gardner, Cora E.	Spanish Fork
Hammond, Maxine	Ashton Idaho
Hammond, Roy B.	Provo
Harris, Helen	Provo
Hoge, Walter G.	Blackfoot, Idaho
Houston, James E.	Lovell, Wyoming
Hughes, Laird E.	Wilkes-Barre, Pa.
Jensen, Ralph W.	Ogden
Kartchner, Fred Dixon	Provo
Kleinman, Conrad J.	Mesa, Arizona
Lang, Sidney E.	Santa Paula, Calif.
Lortz, Virginia M.	Idaho Falls, Idaho
McGuire, James A.	Provo
McGuire, Ray	Provo
McIntire, Floyd C.	Price
McIntire, Wayne Franklin	Price
Merrill, Vera M.	San Diego, Calif.
Moffet, Joseph Franklin	Duncan, Arizona
Morton, Ermel J	Mapleton
Nicholes, Eleanor Louise	Provo
Payne, John W.	Provo
Perkins, Norma	Monticello
Peterson, Mervin H.	Payson
Richards, Beth	Montpelier, Idaho
Richardson, E. Arlo	Tucson, Arizona
Roberts, Beth Alene	Salt Lake City
Rowlands, Harry Weymeth	Provo
Stahmann, Mark A.	Spanish Fork
Tanner, Wilmer W.	Provo
Thorne, Charles J.	Pleasant Grove
Wilson, Don C.	Panguitch
Wood, Lynne K.	Helper
Woolf, Anthony DeVoe	Provo

B. S. Degree

Anderson, H. Reese	Mt. Pleasant
Ashby, William C.	American Fork
Bidduph, Reed	Provo
Brady, Leo J.	Manassa, Colo.
Coombs, Mark Vernon	Logan
Crane, J. Reed	Riverton
Davies, Vernon	Cannonville
Dickson, Glenn	Morgan
Evans, G. Foster	Salt Lake City
Faucette, Reese E.	Sanford, Colo.
Feast, Howard	Center, Colorado
Hansen, Glenn W.	Richfield
Harris, Maureen E.	Boise, Idaho

Jeffery, Iliff C.	Delta
Jensen, Annie Marie	Salt Lake City
Jensen, Marvin	Spanish Fork
Lambert, Theron	Roosevelt
Lewis, Kenneth M.	Provo
Myrup, Orion	Salina
Markham, Ben S.	Spanish Fork
Markham, Lynn	Spanish Fork
McPherson, John	Springville
Olsen, Marion J.	Provo
Pace, Evelyn	Boneta
Page, Boyd	Springville
Pehrson, George A.	Magna
Peterson, Helen M.	Kaysville
Redd, Maude	Monticello
Rowe, Owen B.	Provo
Snow, Nelson A.	St. George
Spencer, Jack	St. George
Taylor, Herbert W.	Colonia Juarez, Mexico
Thompson, Blaine	Price
Wignall, J. Lloyd	Payson

COLLEGE OF COMMERCE

A. B. Degree

Clayson, Eli K.	American Fork
Firmage, Wm. Kenneth	Spanish Fork
Larsen, George N.	Pleasant Grove
Mickelsen, Woodrow S.	Draper
Reese, Eldon L.	Bloomington, Idaho
Richins, Dwaine	Burley, Idaho

B. S. Degree

Aylett, Orgille E.	Riverton
Barton, J. Cullen	Beaver
Bishop, Verdell	Delta
Brimhall, Alma DeVoe	Provo
Brown, Aaron G.	Salt Lake City
Cannon, Hugh S.	Farmington
Christensen, Leon N.	Brigham City
Cowan, Reed	Payson
Crandall, Harvey L., Jr.	Driggs, Idaho
Evans, Howard C.	Lehi
Gordon, Glen H.	American Fork
Hammond, W. Kay	Provo
Hansen, Robert E.	Provo
Hundley, A. Lucile	Provo
Janson, Dorothy	Provo
Jensen, J. Gilman	Richfield
Jones, Dale	Provo
Knight, Phillip S.	Provo
Law, Rondo I.	Delta
Mangum, Jessie K.	Provo

Marquardson, Max S.	Elsinore
McDonald, Ward C.	Provo
Nelson, Elmo	Roosevelt
Nelson, Jay L.	Brigham City
Peterson, Cornelius R.	Ephraim
Seegmiller, Marjorie	Richfield
Sterling, Len Gardner	Spanish Fork
Stephens, Glenna Macfarlane	Provo
Street, Ruby K.	Provo
Taylor, Clarence D.	Provo
Taylor, J. Golden	Spokane, Wash.
Vance, Morris R.	Jerome, Idaho
Van Wagenen, Frank A.	Provo
Webb, Ross C.	Castle Gate
Wedge, Virgil	Caliente, Nevada
Whiting, W. Verl	Springville
Young, Theodore K.	Provo

COLLEGE OF EDUCATION

A. B. Degree

Acord, L. Earl	Castle Gate
Colton, C. Ray	Vernal
Decker, Glenaveve	Snowflake, Ariz.
Done, Otto	Tucson, Arizona
Gibb, Jack Rex	Portland, Oregon
Holt, Jesse C.	Spanish Fork
Jones, Melva Udean	Provo
Larson, Tharol B.	Randlette
Owens, Darlene	Provo
Sowards, Myrtle	Provo
Thomson, Grant A.	Ephraim

B. S. Degree

Anderson, George M.	Moroni
Andersen, Jennie	Provo
Anderson, Paul S.	Emery
Beck, Clayton J.	Nephi
Beck, J. Milton, Jr.	Payson
Bench, Dean W.	Mohrland
Berkman, Arthur E.	Heber
Brooks, Walter S.	St. George
Brown, Ralph W.	Tooele
Bunnell, Stephen Reese	Mt. Pleasant
Checketts, Norine	Bear River
Childs, Chauncey H.	Springville
Childs, Gilbert E.	Provo
Childs, Myrtle Ann	Springville
Christensen, Glen A.	Salem
Christiansen, LaMoine	Monroe
Coleman, Edna Mae	Midway
Crane, Ruth	Provo

Croft, Merrill W.	Provo
Danvers, Jean	Ogden
Davis, C. Ralph	Springville
Edler, Jennie May	Provo
Fautin, Reed W.	Provo
Favero, J. Dewey	Hooper
Fisher, Elton	King City, Calif.
Fisher, Flora D.	Provo
Frei, J. Claud	Santa Clara
Green, Forace	Midvale
Green, Leola	Brigham City
Hacking, Berniece	Cedar Valley
Hanson, Afton M.	Bear River
Hanson, Barbara	Rexburg, Idaho
Hansen, Elda	Springville
Hanson, Neva	Provo
Hanson, William F.	Provo
Harding, Phebe	Logan
Harrison, Madelyn	Springville
Hoffman, Ida J.	Springville
Horsley, Dorothy	Pocatello, Idaho
Huntsman, Blaine	Fillmore
Jackson, Ellen	Provo
Jeffery, Pearl	Delta
Jensen, Ana Maurine	Ephraim
Jensen, Beatrice L.	Salt Lake City
Jeppson, Faye	Brigham City
Johansen, Grant	Mt. Pleasant
Jones, ElRoy	Provo
Judd, Florence	LaVerkin
Kimball, Griffith R.	Draper
Kirkham, Rose	Salt Lake City
Knudson, Velva	Provo
Larson, Blanche S.	Lehi
LaSueur, Oma	Mesa, Arizona
Lindsay, Fern	Midvale
Lindsay, Ina	Spring Canyon
Livingston, Vaughn Edward	Provo
Losee, Ferron C.	Provo
Madsen, Charles H.	Price
Merrill, W. Douglas	Clifton, Idaho
Merrill, Laura Hyde	Salt Lake City
Murphy, Lee C.	Driggs, Idaho
Newton, Leon	Monroe
Nelson, A. Blanche	Provo
Norton, Leslie T.	Ogden
Ohlwiler, Nellie Mae	Heber City
Ott, James A,	Henrieville
Peart, Mearl C.	Randolph
Peters, Adele	Provo
Peterson, Anna Lou	Richfield
Peterson, L. Eugene	Mt. Pleasant

Peterson, Myrtle Dudley	Jensen
Ricks, Ruby	Idaho Falls, Idaho
Robertson, Wanda	Fountain Green
Romer, Ruth	Brigham City
Schofield, M. Dale	Ogden
Shumway, Nora	Kanab
Sorensen, Carl W.	Lark
Sterling, Mary Helen	Provo
Teuscher, Charles Henry	Montpelier, Idaho
Tippetts, Vernal F.	Soldier Summit
Walker, Amee	Salt Lake City
Walker, Virginia	Pleasant Grove
Wall, Alonzo E., Jr.	Goshen
West, Eleroy	Pleasant Grove
Whiteley, Alicebeth	Oakley, Idaho
Wilcox, Frank	Caliente, Nevada
Williams, Vodis Eloise	Murray
Wilson, Howard	Payson
Woodruff, Asahel D,	Salt Lake City
Wright, Frank W.	Midvale

COLLEGE OF FINE ARTS

A. B. Degree

Adams, Milo J.	Spanish Fork
Anderson, Hazel	Springville
Bingham, Owen W,	Morgan
Bird, Marcel W.	Mendon
Boyack, Clifton D.	Delta
Boyer, Margret	Provo
Brown, Geneil	Manti
Christensen, Opal	Redmond
Clayson, Ann	American Fork
Edgley, Farris L.	Pocatello, Idaho
Eyring, Ethel	Pima, Arizona
Goodman, Thomas Wm.	Provo
Jensen, Walter Andrew	Salt Lake City
McGregor, Mary	St. George
Millet, Beulah	Mesa, Arizona
Millet, Roy F.	Grants, New Mexico
Nelson, Milton A.	Provo
Nielsen, Dallin S.	Monroe
Paxman, Beth	Provo
Peterson, Margaret E.	Salt Lake City
Romney, Roxey	St, George
Scorup, Ellen	Salina
Shaw, Frank Williams	Ogden
Summerhays, Margaret	Salt Lake City
Sutherland, Rex	Springville
Taylor, Nadine L.	Provo
Wentz, Lorna	Provo

B. S. Degree

Broadbent, Hermese	Ogden
Christensen, Ione	Redmond
Larson, Eldon	Washington
Perrett, Barbara Alice	Idaho Falls, Idaho
Peterson, Alton H.	Jensen
Williams, Annie R.	Ogden

COLLEGE OF EDUCATION

THREE-YEAR NORMAL DIPLOMAS

Ashby, Martha	Spanish Fork
Blackburn, Clara	Orderville
Bowen, Shirley	Spanish Fork
Bowles, Catherine	Nephi
Brown, Eleanor	Sandy R. D.
Christensen, Arthur Carl	Mohrland
Griffith, Dorothy	Tooele
Hopkins, Mary Anne	Delta
Holt, Ida	Midvale
Houtz, Mozelle	Mapleton
Jackson, Reva	Teasdale
Jenson, Eleanor	Monroe
Johnson, Helen	Huntington
Johnson, Rachel	Springville
Larson, Arvid D.	Cleveland
Larson, Celia	Provo
Lemon, Floral	Myton
Lublin, Blanche	Roosevelt
Morby, Hortense	Pleasant Grove
Mortensen, A. Russell	American Fork
Nelson, Dona	Spanish Fork
Reese, Merrill John	Bloomington, Ida.
Richards, Elaine	Oakley
Rowley, Edith	Helper
Steele, Wanda	Delta
Stevens, Ada Pearl	Parowan
Sundwall, Robert	Mt. Pleasant
Tholen, Margaret	Sandy
Thomas, Grace	Heber
Vickers, Reva	Nephi
Wagstaff, Vera Nebeker	Provo
Walker, Winifred	Delta

GRADUATES WITH HIGH HONORS

Biddulph, Clyde
Broadbent, Thomas
Christensen, W. Blake
Clark, James R.
Clayson, Ann
Colton, Glade B.
Colton, C. Ray
Condie, Marguerite Sears
Danvers, Jean
Decker, Glenavieve
Green, Leola
Hacking, Bernice
Hammond, Maxine
Hammond, W. Kay
McAllister, Rhean
Mickelson, Woodrow
Nicholes, Eleanor Louise
Owens, Darlene
Payne, John W.
Scorup, Ellen
Starr, Edna
Thorne, Charles J.

GRADUATES WITH HONORS

Beck, J. Milton
Becker, Teut
Brooksby, Irene
Checketts, Norine
Clayson, Eli K.
Crandall, Harvey L. Jr.
Ellsworth, Edna
Evans, G. Foster
Fautin, Reed
Fisher, Flora D.
Kimball, Griffith R.
Marquardson, Max
McGuire, Ray
Nielson, Dallin S.
Robison, Alpha J.
Salisbury, Wilmer M.
Sterling, Len G.
Summerhays, Margaret
Whiteley, Alicebeth

Enrollment of Students

1935-36

In the following list "a" stands for arts and sciences; "ap" for applied science; "c" for commerce; "e" for education; "fa" for fine arts; "ss" for summer school; "G" for graduate; "S" for senior; "J" for junior; "So" for sophomores; "F" for freshman; "Un" for unmatriculated; and "Sp" for special.

Aagard, James C., ss-c-S......Fountain Green
Aagard, Laurel, ss....Fountain Green
Aagard, Reva, ss-e-So......Fountain Green
Aagard, Welby, C-F..Fountain Green
Aamold, Stanley Carl, e-F......Stanford, Mont.
Abegg, Moroni L., c-F......Colonia Dublan, Mexico
Abegg, Rinda I., e-Sp......Colonia Dublan, Mexico
Abbott, Phillip Alma, a-F......Delta
Acord, Golda, ss......Spring City
Acord, Irma ,ss......Provo
Acord, Earl, Sp......Castle Gate
Acree, Thomas Morgan, c-So......Blanding
Adair, J. Smith, a-J......Provo
Adams, Bruce Dalton, a-So..Parowan
Adams, Elsie Dee, a-F......Provo
Adams, John H., a-So......Provo
Adams, Josephine, c-F......Lehi
Adams, Milo Joseph, fa-S......Spanish Fork
Adamson, Clifford, c-Un......Provo
Adamson, Fae, c-F ......Lehi
Adamson, Nadine, a-F......American Fork
Affleck, Alice, e-F......Tetonia, Ida.
Affleck, Helen, e-F......Tetonia, Ida.
Alder, Don Marlon, ss......Provo
Alder, Ralph J., a-J......Provo
Alexander, Guy, a-So......Raymond, Canada
Alexander, LeRay, a-J..Spanish Fork
Alexander, Mary Bell, ss....Panguitch
Alexander, Matilda Bell, ss......Panguitch
Alexander, Reta, ss......Panguitch
Allan, Verna B., fa-Sp......Springville
Alldredge, Ezra Weldon, G......Preston, Idaho
Alleman, LaRae, a-F......Springville
Alleman, Karl, ap-J......Springville
Allen, Ben R., a-F......Mesa, Ariz.
Allen, Darley J., a-So....Malad, Idaho
Allen, Edward C., e-F......Salt Lake City
Allen, Marvin Marion, a-J..Charleston
Allen, Melba Kate, ss......Goshen
Allen, Nathan D., c-J......Roosevelt
Allen, R. Scott. A-F......Provo
Allen, Verle, e-Un......Las Vegas, Nev.
Allman, Verl P., c-F......Provo
Allred, Arline P., ap-F......Lehi
Allred, Darwin L., a-F......Spring City
Allred, Fullmer, a-So......Lehi
Allred, Huitau L., fa-J......Lehi
Allred, John Eldred, fa-So....Talmage
Allred, Lark, fa-So......Paris, Ida.
Allred, Loa, ss......Spring City
Allred, Lydia, e-F......Provo
Allred, McKay Chas., a-So......Provo
Allred, Moreho, ss......Lehi
Allred, Robert Clay, ap-J......Ogden
Allred, Sterling, a-F......Lehi
Allred, Theras Q., fa-Sp......Provo
Alsop, Deane Harold, fa-So....Murray
Anderson, Bernard W., fa-So..Fayette
Anderson, Beth, c-So......Spanish Fork
Anderson, Don Dex, a-F....Springville
Anderson, Dwight Stephens, a-So......Monroe
Anderson, Earl S., c-Un......American Fork
Anderson, Ellen, c-F......Provo
Anderson, Elma, ap-So....Mt. Pleasant
Anderson, Ethel, e-So......Elsinore
Anderson, G. Alton, ss..Rexburg, Ida.
Anderson, George M., e-S......Moroni
Anderson, Gerald ap-F......Caliente, Nev.
Anderson, Gerald J., a-S......Price
Anderson, Gertrude, ap-F......Lehi
Anderson, Glade, c-So....Spanish Fork
Anderson, H. Reese, a-S......Mt. Pleasant
Anderson, Hazel, ss-fa-S....Springville
Anderson, Herman L., ss-G......Magna
Anderson, Ida, ss......Provo
Anderson, Jack Frank, a-F......Mesa, Ariz.
Anderson, Jack M., c-So......McKinnon, Wyo.
Anderson, James G., a-S......Price
Anderson, Jennie, ss-e-Sp......Provo
Anderson, J. Lee, ss....Fountain Green
Anderson, Leo James, a-F......Nephi
Anderson, Loren A., ss..Spanish Fork
Anderson, Madlyn, c-F......Moreland, Ida.
Anderson, Marcella, e-F....Huntington
Anderson, Maxine V., e-F......Moroni
Anderson, Ole Vernon, fa-F......Mt. Pleasant

Anderson, Paul S., ss-e-S........Emery
Anderson, R. Clark, G.................Provo
Anderson, Rae, fa-So......Mt. Pleasant
Anderson, Sylva Hope, a-F..Richfield
Andreasen, Carl R., c-F..............Provo
Andrews, Max S., c-J..................Provo
Andrus, Gwen, ap-F ....Holladay
Andrus, Howard P., a-F..........Draper
Andrus, Wanda, fa-F............Holladay
Armstrong, Milton Glen, ap-J.......... Ephraim
Armstrong, Ned, e-S...............Ephraim
Arnold, Marion A., ap-J..........Evanston, Wyo.
Arnold, Oscar F., c-So...........Coalville
Arrowsmith, Jessie Burt, ss......Provo
Asay, Bert, e-J..................Lovell, Wyo.
Asay, Saxon F., ap-Sp.................Provo
Ashby, Bonna, a-So......American Fork
Ashby, Eda Alene, e-J..........American Fork
Ashby, Martha, e-J..........Spanish Fork
Ashby, Melvin Jay, c-J....Leamington
Ashby, Wm. C., a-S....American Fork
Ashcroft, Clarcia, e-J......Eagar, Ariz.
Ashment, Exta J., ss.....................Ogden
Ashton, Carl, a-Un......American Fork
Ashton, Helen H., e-So..........Salt Lake City
Ashworth, Ardell H., ss.............Provo
Ashworth, Philip M., a-So..........Provo
Atwood, Millen D., c-Sp.............Provo
Aycock, Kenneth, c-So...............Vernal
Aycock, Mulford H., c-J............Vernal
Ayers, Bessie, a-Sp.......................Provo
Aylett, Orgill, c-S......................Riverton
Aylworth, Lowell Parker, a-F.......... Richmond

Babbel, Arthur E., a-F..........Twin Falls, Ida.
Babcock, Louis W., c-J.............Hooper
Bagley, Ben E., c-J.............Koosharem
Bagley, Ila, ss.......................Koosharem
Bagley, Vera M., e-J....................Provo
Bagwell, LaVere N., c-F..........Manassa Colo.
Bahr, A. Francis, a-J..........Idaho Falls, Ida.
Bailey, Monte D., c-F................Nephi
Bailey, Thell A., a-So..Sanford, Colo.
Baker, Gene LeRoy, a-F....Springville
Baker, Grant W., fa-So.............Magna
Baker, Kenneth Fay, e-ss........Bicknell
Baldwin, Alpheus J., a-Un..........Fairfield, Ida.
Ballard, Howard A., c-So..........Draper
Ballif, Algie E., G.........................Provo
Ballif, Ariel Smith, ss-G..Menan, Ida.
Ballif, Mrs. Ariel S., ss..Menan, Ida.
Ballif, Eva, ss.....................Preston, Ida.
Balls, Harold G., e-So..........Soda Springs, Ida.
Balls, Vernon C., e-J..........Soda Springs, Ida.
Bandley, Homer R., c-Sp..........Boulder City, Nev.
Bandley, Marion K., c-So...........Provo
Banks, Earl, a-So.............................Lehi
Banks, Mae, c-J..............................Provo
Banks, Wm. Merrill, ss-ap-J..........Grace, Idaho
Banner, Laura, ss-e-J..........Salt Lake City
Bant, Phyllis M., c-F.................Eureka
Barber, Bud, a-So........................Provo
Barclay, Bruce G., a-So..........Blackfoot, Idaho
Bardsley, Jacqueline, e-F....Santaquin
Barker, Ellen, ss..........................Ogden
Barnett, Maurice C., e-So..........Spanish Fork
Barnett, Wilmer Lee, e-S..........Spanish Fork
Barrett, Thom, a-F.......................Provo
Bartholomew, Calvin H., e-So.......... Fayette
Bartholomew, Glenn L., ss....Ephraim
Bartholomew, Grace, ap-F..Springville
Bartholomew, Virga, a-J....Springville
Bartholomew, Wm. Victor, a-F.......... Fayette
Barton, J. Cullen, c-S.................Beaver
Barton, Louise E., ss-fa-So..........Provo
Barton, Marie M., ss....................Provo
Barton, T. Hogarth, fa-F......Richfield
Barton, Una Mae, e-So.............Ferron
Bascom, Earl W., fa-Un..........Raymond, Canada
Basinger, Mary, ss......Meade, Kansas
Bass, Bonnie R., c-F.....................Provo
Bastian, Verna, fa-F..Pleasant Grove
Bateman, Beatrice E., c-F......Midvale
Bateman, June B., ap-So..Rupert, Ida.
Bateman, Lucy B., ap-So..Rupert, Ida.
Bateman, Max G., c-F..Salt Lake City
Bates, Lionel Duard, a-F..........Los Angeles, Calif.
Batty, J. Vance, a-J.....................Provo
Baum, Thomas, ap-F...................Heber
Baxter, Edna D., ss........Denver, Colo.
Bayles, Adelia, ss...................Blanding
Bean, Clara B., ss..........................Provo
Bean, Fay Marion, C-F...............Provo
Bean, Helen, ss...............................Provo
Bean, Marien, a-J....................Richfield
Bean, Max M., a-So...........Teton, Ida.
Beck, A. Rowe, e-F........Spanish Fork
Beck, Clayton J., e-ss....................Nephi
Beck, Geraldine, a-F.....................Provo
Beck, J. Milton, e-S....................Payson
Beck, Jay Vern, ss......American Fork
Beck, Vivian E., c-F....American Fork
Beck, Wayne M., a-F.................Payson
Becker, Teut, a-S...........Bend, Oregon
Beckstead, H. Chad, c-F..........Midvale
Beckstrand. Austin N., c-So..Meadow
Beckstrand, Evan A., a-F......Meadow
Beckstrand, Melvin H., ss....Meadow
Bee, James W., a-J.......................Provo
Bee, Lawrence S., c-Sp...............Logan
Bee, Marjorie, a-So.......................Provo
Behrmann, Illa, e-F........Allison, Colo.
Bell, Margaret, a-So......Spanish Fork
Bell, S. Ferris, fa-F...........Grantsville
Belnap, Dixie, ss-e-So......Rupert, Ida.
Belnap, I. Hortense, ss-e-F..........Rupert, Ida.
Bement, Herman C., ss.................Price

Bench, Dean W., ss-Sp..........Mohrland
Bench, G. Worth, ap-So..........Fairview
Bench, Leonora, ss..........Fairview
Bench, Rees E., ss..........Provo
Bennett, Carol, e-Sp..........Provo
Bennett, Faun A., ss..........Deseret
Bennett, Hope H., ss..........Meadow
Bennett, Lowell R., ss..........Meadow
Bennett, May, c-Sp..........Provo
Bennett, Vance W., a-F..........Meadow
Bennion, Lowell S., ap-J..........Vernon
Benson, A. Ammon, ss..........Moreland, Idaho
Benson, Max L., c-So..Moreland, Ida.
Benson, Scott C., fa-So..........Gentry, Arkansas
Benson, Virginia, c-F..........Ioka
Bentley, Mathew M., e-Sp..St. George
Bentley, Valentine, Sp..........Provo
Benton, Jim E., e-J......Delano, Calif.
Berg, Marian, a-F..........Provo
Bergesen, Clarence A., e-J..........Provo
Berkman, Arthur E., ss-e-S..........Heber
Berry, Esther, c-So..........Provo
Berry, H. Lee, fa-F....Holbrook, Ariz.
Berry, Norma, c-F......Holbrook, Ariz.
Bertoncelj, Molly F., ss..........Provo
Besendorfer, Jean, ap-F..........Midway
Bestelmeyer, Marie, c-So..........Provo
Biddulph, Clyde, a-S..........Provo
Biddulph, Gwen B., G..........Provo
Biddulph, Reed, a-S..........Provo
Bigelow, John, a-F..........Greenriver
Bigelow, LaVell M., ss-a-F..........Provo
Bigelow, Lois, ap-F..........Panguitch
Bigelow, Margaret M., ap-Sp......Provo
Bigelow, Maurine, c-F..........Provo
Bigelow, Percival P., ap-Sp..........Provo
Bigler, Rex A., ss-G........Central, Ariz.
Billings, Callis F., ap-F..........Jensen
Billings, Donna, c-Sp..........Provo
Bills, Derrill, c-F..........Riverton
Bingham, Frank, a-F..........Payson
Bingham, Owen W., fa-S..........Morgan
Binks, Melpha, c-F..........Springville
Binns, Ellen, ap-S........American Fork
Bird, Eunice, ss..........Provo
Bird, Florence, e-F..........Draper
Bird, Forest W., a-F..Sheridan, Wyo.
Bird, George Ray, c-So......Springville
Bird, Josephine, ss..........Provo
Bird, Marcell W., fa-S..........Provo
Bird, Orwin, a-Un..........Mapleton
Bird, Robert F., a-F..........Mapleton
Bird, Roberta W., fa-J..........Provo
Bishop, Garth, a-F..........Hinckley
Bishop, Gordon T., fa-F..........Delta
Bishop, Merlin Ivan, c-F..........Delta
Bishop, Verdell, c-S..........Delta
Bjerregaard, Geo. W., c-S..........Provo
Bjerregaard, Oscar F., ss..........Provo
Black, Doris E., a-F......Bayfield, Colo.
Black, Emily, e-J..........El Paso, Texas
Black, Gladys D., ss-G..........Springfield, Ill.
Black, Guss P., e-So......Salt Lake City
Black, Karl Geo., c-So..........Provo
Black, Mary, ap-S..........Delta
Black, Orin P., e-J........Salt Lake City
Black, Willard Leroy, e-J..........Spring City
Blackburn, Clara ,e-J..........Orderville
Blackham, Eugene C., c-J..........Moroni
Blackham, Sheril Jay, ss-C-So..........Castle Dale
Blackwell, Harry, e-G..........Pleasant Grove
Blackwell, Virginia C., ap-S..........Spanish Fork
Blair, Alice H., e-F..........Sandy
Blair, James E., a-F..........Provo
Blake, Geo. R., ap-F..........Provo
Blazzard, Eleanor, ap-F..........Kamas
Blazzard, Inez, fa-F..........Kamas
Bloomfield, G. Monte, a-So..........Toadlena, New Mexico
Bloomfield, George W., c-So..........Shiprock, New Mexico
Bloomfield, N. Mae, ap-F..........Shiprock, New Mexico
Bloomfield, Owen F., ap-S..........Kirtland, New Mexico
Bodily, Gerald P., ss......Preston, Ida.
Boel, Joseph M., a-F..........Provo
Bond, Vera R., ss..........Milford
Bond, William Jos., ss..........Heber
Booth, Darrell M., a-F..........Parowan
Booth, J. Malcolm..........Provo
Booth, Leona, ss..........Provo
Booth, Lillian C., ss....American Fork
Booth, Margaret O., ss..........Blackfoot, Ida.
Booth, Nina H., ss......American Fork
Booth, N. Wayne, ss....Blackfoot, Ida.
Booth, Thornton Y., a-F..........Provo
Booth, Wilson, c-Sp..........Provo
Borg, Douglas, c-F..........Sandy
Borg, Glen M., c-J..........Midvale
Borgquist, Arline D., ss..........Tucson, Ariz.
Boshard, Erma D., fa-Sp..........Provo
Bost, Mabel E., c-Un......Denver, Colo.
Bott, Elaine L., c-F..........Provo
Bowen, Fred, a-F........American Fork
Bowen, Ila, c-F..........Spanish Fork
Bowen, Mark D., c-So....Spanish Fork
Bowen, Shirley, e-J........Spanish Fork
Bowen, Wayne L., c-F..Spanish Fork
Bowers, Lucille, e-F..........Holladay
Bowers, Catherine, e-J..........Nephi
Bowman, Dorothy, e-So..........Beaver
Bowman, Lorraine, ss-fa-J..........Provo
Bown, Alta B., ss..........Manti
Bown, Elaine B., ap-Sp..........Manti
Bown, Emma Lee, c-F..........Provo
Bown, Henry M., a-F..........Provo
Bown, M. Duane, a-So..........Provo
Boyack, Bert A., ap-So..........Spanish Fork
Boyack, Clifton, fa-S..........Delta
Boyce, Marguerite, e-F..........Provo
Boyden, Orlene M., c-F..........Provo
Boyer, D. Roy, c-So..........Provo
Boyer, Margret, ss-fa-S..........Provo
Boyer, Paul D., fa-F..........Provo
Boyle, Edna M., ss......Salt Lake City
Boyle, Elayne, a-So..........Provo
Boyle, Elfie B., ss-c-Sp..........Provo

Boyle, Melva, G..........Provo
Boyle, Sydney Wm., e-J..........Provo
Bradford, Henry W., c-F..........Spanish Fork
Bradford, Reed H., a-J..Spanish Fork
Bradshaw, Bernece E., c-F..........Lehi
Bradshaw, Bernice J., fa-Sp......Provo
Brady, Arlo J., a-F......Manassa, Colo.
Brady, Leo John, a-S..Manassa, Colo.
Brady, Lorraine, ap-Sp..........Manassa, Colo.
Brain, Jewel, ss-a-So....Salt Lake City
Braithwaite, Jennie L., ap-So....Manti
Braithwaite, Royden C., c-J......Manti
Brand, Karl H., a-So........Chicago, Ill.
Brand, Virginia J., c-Sp..Chicago, Ill.
Brandley, Helen B., e-J..........Stirling, Canada
Brandley, Marie L., ap-F..........Stirling, Canada
Brasher, Kirk, a-So..........Provo
Breinholt, Floyd E., c-J..........Ephraim
Breinholt, Herbert C., c-J..........Provo
Briggs, Alice, ap-So..........Magrath, Canada
Brimhall, A. DeVoe, c-S..........Provo
Brimhall, Clifton A., ss-e-So..........Spanish Fork
Brimhall, Edna, c-Sp..........Springville
Brimhall, Kirk L., a-F....Taylor, Ariz.
Bringhurst, Kenneth W., a-J..........Pocatello, Idaho
Brinley, Ross A., c-So..........Pleasant Grove
Brinton, Amy, a-F..Idaho Falls, Ida.
Brinton, Frank O., a-So....Springville
Britsch, Ralph A., G..........Manti
Broadbent, Harvey, a-F..........Heber
Broadbent, Hermese, fa-S..........Ogden
Broadbent, Josephine, ss-a-So....Heber
Broadbent, Thomas Lowell, a-S..Provo
Broadhead, Blanche, fa-F..........Nephi
Broadhead, Chloe, a-So........Duchesne
Broadhead, Faye, c-F..........Nephi
Broadhead, Fern, c-F..........Nephi
Brockbank, Ila, ss..........Provo
Brockbank, Jean, a-F....Spanish Fork
Brockbank, Starr, L., a-So......Payson
Brooke, Betty, a-F..........Beaver
Brooks, Johnnie H., a-F..........Palatka, Florida
Brooks, Leland, e-J..........St. George
Brooks, Walter S., e-S..........St. George
Brooksby, Armond W., a-So..........Fredonia, Ariz.
Brooksby, Irene, ap-S..Fredonia, Ariz.
Brooksby, Marvin A., a-So..........Fredonia, Ariz.
Brough, Augusta, ss..........Tremonton
Brough, Dorothy, e-So..........Nephi
Brough, Euniece, ss-e-J..........Nephi
Brower, Melba, c-J........Salt Lake City
Brown, Aaron G., c-S..Salt Lake City
Brown, Beatrice, ap-S..........Ogden
Brown, Bessie M., ss-e-F..........American Fork
Brown, Charl J., a-F..........Grantsville
Brown, Clare, fa-So..........Ogden
Brown, Clark K., a-So..........American Fork
Brown, Darrel, c-F..........Riverton
Brown, Eleanor, e-J..........Sandy
Brown, Errol G., a-So..St. Johns, Ariz.
Brown, Fay, c-Sp..........Spanish Fork
Brown, Geneil, Sp..........Manti
Brown, Joseph E., c-F..........Sandy
Brown, LaJune, ap-S..Salt Lake City
Brown, Lynn., a-F..........Provo
Brown, Mary Jane, fa-F..........Provo
Brown, Nile R., a-F..........Draper
Brown, Norland Chas., fa-F..Trenton
Brown, Ralph S., a-F..........Provo
Brown, Ralph W., e-S..........Tooele
Brown, Robert, a-F..........Duchesne
Brown, Vera, e-F..........Lake Shore
Brown, Verda, e-F..........Lake Shore
Browne, Arthur D., e-F..........San Jose, Calif.
Browning, Claramay, Sp..........Ogden
Browning, Eva, Sp..........Ogden
Bruno, Emilio, a-F.......... Inglewood, Calif.
Buchanan, Clarence E., fa-Un....Provo
Bucher, John R., a-F..........New Martinsville, W. Va.
Buckley, Gerald M., a-F..........Provo
Buckley, June, a-So..........Provo
Buckley, Margaret L., c-J..........Provo
Buggert, Anneliese, ap-So..........Provo
Bullock, Cecil I., c-J....Pleasant Grove
Bullock, Thomas G., a-F..........Provo
Bullock, Victor R., a-F..........Barnwell, Canada
Bumgardner, Norma H., J........Vernal
Bunker, Reva, ss......Bunkerville, Nev.
Bunnell, Stephen R., e-S....Spring City
Burch, Fern, ss..........American Fork
Burch, Jenny, c-So......American Fork
Burdick, Blanche, e-F..........Payson
Burgener, Owen F., G..........Myton
Burgess, Pauline, e-F..........Alpine
Burgess, Rupert, c-Un........Castle Gate
Burgon, Stanley W., c-F..........Midvale
Burningham, Rhoda, ss..........Provo
Burr, Virginia, e-J..........Provo
Burt, Ruth, ap-F..........Honeyville
Burton, Alva Geo., e-F....Afton, Wyo.
Burton, Otis L., e-F..........Morgan
Bushell, Dorothy E., ss..........Ogden
Buswell, J. Robert, fa-F..........Ogden
Butler, Eldren L., fa-So..........Trenton
Butler, D. Maxwell, fa-F..........Snowflake, Ariz.
Butler, Durwood S., a-J..........Santa Monica, Calif.
Butler, Lorene, c-So..........Trenton
Butler, Oral C., c-Sp..........Provo
Butler, Thirl, a-F..........Provo
Butt, Ethel C., G..........Provo
Calder, Earl H., ap-F..........Vernal
Calder, Ruth, e-F..........Vernal
Calder, Sam., fa-F..........Vernal
Caldwell, Amasa C., ss..........Jensen
Caldwell, Gary G., fa-F..........Vernal
Caldwell, Thos. E., ss..........Vernal
Call, A. Alwyn, ss..........Draper

Call, Don Carlos, a-So....Brigham City
Call, Fulvia, e-So..............................
......................Colonia Dublan, Mexico
Call, Louise, ss..................Brigham City
Call, Verla, c-F...............Tucson, Ariz.
Call, Willard Augustin, a-J.............
.................................Everett, Wash.
Callahan, Nanieve O., a-J..........Provo
Callahan, Sterling G., fa-J..........Provo
Callahan, Wm. G., G....................Provo
Callan, Mary, c-So............Preston, Ida.
Callis, Pearl, a-J..........Salt Lake City
Campbell, Elbert K., e-So....Hurricane
Campbell, Maxine L., e-F...............
.... Rupert, Idaho
Campbell, S. Elvera, e-F..................
.... Rupert, Idaho
Candland, Ruth H., e-F..............Provo
Canning, Alfred C., a-So........Midvale
Canning, Frank, a-F..................Midvale
Cannon, Hugh S., c-S........Farmington
Cannon, Jean G., Ap-So......................
....Salt Lake City
Cannon, Virginia B., G................Provo
Cardon, Ivins T., a-F...........Hinckley
Carlile, Maurine, ap-J..........Woodland
Carling, Fred, c-F....................Fillmore
Carlson, Alice B., fa-F.......................
....Spring Canyon
Carlson, Howard B., a-F.. ....
....Spanish Fork
Carlston, Beulah F., fa-F......Fairview
Carman, Lola M., c-F............Fairfield
Carpenter, Clea, ss.......................Kamas
Carpenter, Herman R., c-F..Park City
Carr, Naomi C., ss................St. George
Carr, Wm. C., ss..............................Provo
Carroll, Norman B., c-F............Vernal
Carter, Nelda, a-F..........................Provo
Carter, Norval, ap-J.........................Lehi
Carter, S. Neal, ap-So........Minersville
Carter, Wesley, ap-So......................Lehi
Cash, Bernice, e-F.........................Sandy
Chadwick, Laura, e-So....North Ogden
Chadwick, Barratt, M., c-J...............
.....................................American Fork
Chadwick, Vera, a-F..American Fork
Chadwick, Vera E., ss.............Liberty
Chaffin, Maxine, a-F..........................
.................................Idaho Falls, Ida.
Chamberlain, Edna, c-F.....................
.................................Blackfoot, Idaho
Chamberlain, Florine, ss-e-F.............
.... Orderville
Chambers, Darolyn, c-F.....................
..........................Grand Junction, Colo.
Chandler, Harry P., a-F..............Provo
Chapman, M. Vern, c-F.....................
.... Fountain Green
Chappell, Sperry A., e-J............Lyman
Chappell, Wm. L., e-S...............Lyman
Charon, Eloise M., a-J..Salt Lake City
Chase, Dee E., a-Sp.......................Provo
Chatfield, Robert F., a-F.............Lehi
Chatterton, Ariel B., a-F....................
....Preston, Idaho
Chatterton, Don B., ap-So.................
....Preston, Idaho
Chatwin, Gilbert, c-J......Spanish Fork

Checketts, Beth, a-F....Preston, Idaho
Checketts, Norine, e-S........Bear River
Cheel, Wm. A., ss..............................Oasis
Cheever, Rose Ellen, e-So........Payson
Child, Odell N., ss.........................Ogden
Childs, Chauncey H., ss......Springville
Childs, Gilbert E., ss-e-Sp..........Provo
Childs, L. Berthena, ss..........Salt Lake
Childs, Myrtle Ann, ss-e-Sp................
.... Springville
Chipman, Ralph S., ss.......................
.....................................American Fork
Choules, Lois, c-F............Driggs, Idaho
Christensen, Alice A., a-So...............
....Shelley, Idaho
Christensen, Alice S., ss.....................
....Paris, Idaho
Christensen, Ardis, e-F.......................
....Spanish Fork
Christensen, Arthur C., e-J..Mohrland
Christensen, Boyd T., a-J........Ferron
Christensen, Don G., a-So.......Fayette
Christensen, Elaine, e-F......................
....Durango, Colo.
Christensen, Fern, fa-Sp........Richfield
Christensen, Glen A., e-S............Salem
Christensen, Harold E., ap-Un........
....Spanish Fork
Christensen, Harold T., G...........Provo
Christensen, Horace J., a-So.......Provo
Christensen, Ione, ss-Sp..............Provo
Christensen, Jack, c-F............Midvale
Christensen, Jay, c-F.....................Oasis
Christensen, Joy A., c-F...........Sandy
Christensen, Kathryn, fa-F................
....American Fork
Christensen, LaVerl, e-J......Hinckley
Christensen, Leon N., c-S..................
....Brigham City
Christensen, Lolita, a-F..............Salina
Christensen, Louise, a-F....................
....Salt Lake City
Christensen, Margaret, a-F........Provo
Christenson, Marguerite, a-F......Provo
Christensen, Martha C., ss.........Delta
Christensen, Maza, fa-J..........Richfield
Christensen, McKay, c-Sp............Provo
Christensen, Merlin D., fa-J.........Delta
Christensen, Muriel, ss..Spanish Fork
Christensen, Opal, fa-S..........Redmond
Christensen, Ora Bernice, ss............
....Brigham City
Christensen, Ora, e-F..............Richfield
Christensen, Paul D., ap-J...............
....American Fork
Christensen, Phyllis, e-So..Robin, Ida.
Christensen, Ralph R., c-F................
....Sanford, Colo.
Christensen, Rowena, e-Sp..........Provo
Christensen, Ruth J., ss................Provo
Christensen, Scott C., a-F............Salem
Christensen, Vernon D., e-F......Provo
Christensen, W. Blake, ss-a-S....Provo
Christensen, Waldo G., c-F..Redmond
Christiansen, DelRae, e-J........Monroe
Christiansen, Harold, e-F......Mayfield
Christiansen, James W., ss...............
....Spanish Fork
Christiansen, LaMoine, e-S......Monroe

Christofferson, Ivey C., ap-F......Lehi
Christopherson, Lucile W., a-F..Provo
Church, Ned M., a-F......Delta
Clark, Albert, D., a-S......Provo
Clark, Allie W., fa-Sp......Provo
Clark, Arvilla, ss......Pleasant Grove
Clark, Boyce, R., c-So......Morgan
Clark, Coy J., a-F......Provo
Clark, Ethelyn V., a-Sp......Provo
Clark, Ezra T., c-J......Bountiful
Clark, Fae, fa-F......Provo
Clark, Gene, c-J ......Ogden
Clark, Harry C., a-So......Helper
Clark, Helen, a-F......Provo
Clark, James F., ss-a-S......Grantsville
Clark, J. Kent, a-F......Ogden
Clark, J. Kyle, e-J......Provo
Clark, Lynn O., e-So......Lynn
Clark, Marden, fa-F......Morgan
Clark, Marion Jay, ss......Provo
Clark, Maurine, e-So......Mesa, Ariz.
Clark, Melba, c-F....Montpelier, Idaho
Clark, Merlin, a-F......Cannonville
Clark, Richard, c-J......Provo
Clark, Ruth, ss......Parowan
Clark, Walter F., a-F......Provo
Clark, Wilford, ss......Logan
Clark, William, a-So......Provo
Clarke, Gwenva M., fa-F......Newton
Clarke, S. Edith, a-F......Am. Fork
Clayson, Ann, fa-S.....American Fork
Clayson, Eli K., c-S....American Fork
Clayson, Joseph H., c-J......Am. Fork
Clayson, Laurence W., ss....Santaquin
Clayton, J. Beck, e-Sp......Nephi
Clayton, J. Maurice, a-So......Midvale
Clegg, Afton E., a-So......Provo
Clegg, Fred W., ss-G......Provo
Clegg, Lowell F., a-So......Heber City
Clegg, Luke, e-J......Roosevelt
Clegg, Reed G., a-F......Roosevelt
Clift, Roy G., a-F......Heber City
Cloward, Blake H., c-So......Monroe
Cloward, R. Dell, c-So......Monroe
Cluff, Lucile, c-F......Provo
Clyde, Ed W., a-F......Heber City
Cockett, George T., a-F......Beaver
Cochrane, Myrtle T., ss......Tooele
Cole, Dorothy R., e-F......Rupert, Id.
Cole, Glenda, c-F......Paris, Idaho
Cole, Sybil, ap-So......Paris, Idaho
Coleman, Elna Mae, ss-Sp......Midway
Coleman, Leila V., ss......Teasdale
Coleman, Martha, e-F......Provo
Coleman, Maud T., e-So......Midway
Collett, Raeo F., fa-Sp......Montpelier, Idaho
Collett, Vella, ap-F..Robertson, Wyo.
Collins, Eldred R., ss......Provo
Colton, Chas. H., ss......Provo
Colton, C. Ray, e-S......Vernal
Colton, Clara, e-F......Vernal
Colton, Elmo Don, a-F......Vernal
Colton, Glade B., a-S...New York City
Colton, Lorna, e-F......Provo
Colton, Merrill, Sp......Roosevelt
Coltrin, Theodore, ap-F......Huntington Park, Calif.
Coltrin, Wm. Arthur, c-F......Huntington Park, Calif.
Comer, Nola Mae, ss-c-J......Lehi
Condie, Eulalia, a-So......Springville
Condie, Marguerite S., a-S......Afton, Wyo.
Conover, Don W., a-F......Provo
Conover, Hattie, fa-Sp......Provo
Cook, Boyd, c-F......Ferron
Cook, Fon, a-So......Cedar Valley
Cook, Jack, ap-F......Roosevelt
Cook, John Call, a-F......Provo
Cook, Leonard L., e-F....Caliente Nev.
Cook, Shirl Eldon, a-F....Pegram, Id.
Cook, Wayne F., a-S......Provo
Cooley, C. Kathryn, ss......Ogden
Coombs, Mark V., ss-Sp......Logan
Cooper, Claude D., ap-Un......Provo
Cooper, Laurence C., a-F......Provo
Cooper, Robert P., ss-a-J......Provo
Cope, Clyda, ap-F......Ruby's Inn
Cope, Melba, fa-J......Richfield
Cope, Robert L., a-F......Richfield
Corbett, Lester H., c-Un......Provo
Corbett, Pearson H., ss......Ferron
Cornaby, Zella, ap-F......Benjamin
Cornaby, Wayne, a-F....Spanish Fork
Cornish, George O., a-F......Bayfield, Colo.
Cornum, Gwendolyn, a-F......Sanford, Colo.
Cottam, Alma, a-S......St. George
Cottam, Earl B., G......Provo
Cottam, Ramona F., e-Sp......Provo
Cottrell, Darrell G., e-F......Draper
Cowan, Alberta, ss......Nephi
Cowan, Christine J., ss......Spanish Fork
Cowan, Jack C., a-F......Nephi
Cowan, Reed F., c-S......Payson
Cowan, R. Thomas, a-J......Nephi
Cowley, Jessie, c-So......Venice
Cowley, Thora A., e-So......Venice
Cox, LaRue, ss......St. George
Cox, Lillian O, ss......St. George
Cox, Nellie, ss-G......St. George
Cox, Roland E., e-F......Alamo, Nev.
Cox, Rose, a-F......Salt Lake City
Cox, Ruby, ss......Provo
Crabtree, L. Spencer, fa-F..Providence
Craig, Marshall R., a-F......ElDorado, Ark.
Crandall, Harvey L., c-S......Driggs, Idaho
Crandall, Lowell W., c-So......Springville
Crandall, Sterling M., c-So......Springville
Crane, Reed J., a-S......Riverton
Crane, Ross, c-F......Riverton
Crane, Ruth, e-S......Provo
Cranney, Hattie E., e-So......Auburn, Wyo.
Cranney, W. Doyle, a-So......Auburn, Wyo.
Crapo, Eva H., fa-Sp......Sandy
Crawford, Geo. L., ap-So......Magna
Crawford, Metta, c-So......Magna

Creer, Jean, c-F..........Spanish Fork
Creer, Paul B., a-So.....Spanish Fork
Croft, Elmo A., a-F..........Provo
Croft, Merrill W., e-S..........Provo
Crogan, Frederick L., a-F.......... Hiawatha
Crompton, M. Elnora, ss..........Ogden
Crook, William, ap-F..........Heber
Cropper, Ladd, fa-J..........Delta
Crosbie, R. Ray, a-F..........Provo
Crosby, Lena, ap-Un..........Provo
Crosby, Mary K., e-So..........Provo
Crosby, Melvin S., a-So...Eagar, Ariz.
Crosby, Samuel W., e-J......St. George
Crowley, Elmer S., fa-J..........Idaho Falls, Idaho
Crowther, Margaret, ap-So..........Malad, Idaho
Crowther, Nelda, ap-Sp..........Provo
Crowton, David M., a-Un..........Salt Lake City
Crowton, Ralph E., c-So..........Salt Lake City
Crouch, Faye, a-F..........Devils Slide
Cullimore, Lynn K., a-F..........Pleasant Grove
Cullimore, Wanda, c-F..........
Cullimore, Odessa A., fa-Sp......Provo
..........Pleasant Grove
Culmsee, Carlton, ss-G..........Provo
Culmsee, Edna B., ss-G..........Provo
Cummings, Lettie R., ss..........Provo
Cummings, Richards F., a-J......Provo
Curry, Reginald, a-F......Ft. Duchesne
Curtis, Elda R., e-F..........Aurora
Curtis, Joseph W., ss..........McCammon, Idaho
Curtis, Roene, c-So..........Provo
Cutler, Carlos P., a-So.....Lovell, Wyo.
Cutler, Guy R., c-F..........Provo
Cutler, Margie, a-F......Salt Lake City

Dabb, Ralph F., a-So........Harrisville
Dahl, Helen E., fa-F..........Palo Alto, Calif.
Dahlquist, Carlyle, a-So..........Provo
Dahlquist, Mary, ss..........Provo
Dalby, Juul M., a-F..........Levan
Dalton, Caroline, e-F..........Parowan
Daly, Vone, ss..........Panguitch
Daniels, Gwenne, a-F..........Rock Springs, Wyo.
Daniels, Phyllis H., fa-So....Roosevelt
Danielsen, Helena M., ss..........Council Bluffs, Iowa
Danvers, Jean, e-S..........Ogden
Dase, Sam C., fa-S....Las Vegas, Nev.
Dastrup, Dona, e-J..........Provo
Davies, Afton Edith, c-J..........Provo
Davies, Grant B., a-So..........Provo
Davies, Lyman H., ap-So........Talmage
Davies, Vernon, a-S..........Cannonville
Davis, Ariel R., a-J..........Provo
Davis, Boyd C., ss..........Provo
Davis, C. Ralph, Sp..........Dividend
Davis, Chester R., a-F..........Salem
Davis, Clara, ss..........Enterprise, Ore.
Davis, G. Darlene, fa-F..........Spanish Fork

Davis, Katherine, e-J..........Provo
Davis, Mattie Ann, ss..........Provo
Davis, Mildred, c-Sp..........Provo
Davis, Parley J., a-F....Brigham City
Davis, Vern L., fa-So........Springville
Dean, Elva C., ss..........Provo
Dean, Ernest H., ap-S..........American Fork
Dean, Joe, c-S..........Heber
Dean, John O., ap-S..........American Fork
Dean, John W., a-F..........Heber City
Dearden, Florence R., ss........Henefer
DeCamp, Beth V., e-Un..........Provo
Decker, Freda S., a-So.......... Snowflake, Arizona
Decker, Glenaveve, e-S..........Snowflake, Arizona
Decker. Webster, c-J..........Kirtland, New Mexico
DeGraff, Elaine, fa-J..........Heber City
DeHart, Wm. A., e-J..........Ogden
Dennis, Elvin Jay, c-So........Roosevelt
Denver, Connie Mack, ap-F..........Ft. Duchesne
Derr, Clyde W., c-Un..........Rexburg, Idaho
Despain, Dale I., a-S.......Lovell, Wyo.
Despain, Danial G., a-F..Lovell, Wyo.
Despain, Lola, e-So..........Provo
Detmers, Robert F., e-F..........Beaver
Deverell, Geo., e-F....Las Vegas, Nev.
Devey, Helen, a-F........American Fork
Dexter, Alfred, fa-F..Pleasant Grove
Dickson, Glenn, Sp..........Smithfield
Dickson, Ned B., c-J......Cowley, Wyo.
Dillman, Earl R., a-So..........Roosevelt, Wyo.
Dillman, Isabelle, e-J..........Vernal
Dinesen, Elna, fa-Sp..........Provo
Dix, Mary E., ss..........Provo
Dixon, Edith A., ap-So..........Provo
Dixon, Evelyn, fa-F..........Provo
Dixon, Howard B., ss-a-S..........Provo
Dixon, Kathryn, a-So..........Payson
Dixon, Lucile K., ss-ap-Sp..........Provo
Dixon, Maurine, ss-ap-Sp..........Provo
Dixon, Phyllis L., ss-a-So..........Provo
Dixon, Ralph, e-J........Gooding, Idaho
Dixon, Ruth, c-J..........Salt Lake City
Dixon, Sheldon S., a-F..........Payson
Dixon, Stella, ap-So..........Provo
Dobbie, Donald V., c-Un..........Oakland, Calif.
Doman, Garda, fa-F........Rigby, Idaho
Doman, Rulon W., ss-c-S..........Idaho Falls, Idaho
Domina, John C., a-S..Aberdeen, Ida.
Domgaard, Millie ss..........Salina
Done, Otto, ss-e-S..........Tucson, Ariz.
Doty, Geo. Ellis, G..........Richmond
Douglas, W. LeRoy, fa-Un..........Long Beach, Calif.
Dow, W. Mack, e-F..........Draper
Dowdle, M. Robert, e-So.....Springville
Downs, Winston, a-So..........Provo
Dredge, Wilford J., ap-So..........Malad, Idaho
Dudley, H. James, a-F..........Randlett

Dudley, Lucy, ss ....Jensen
Dudley, Margaret, a-So ....Provo
Dudley, Marian, e-J........Randlett
Duersch, Mary, e-So........Driggs, Idaho
Duffin, Allese, c-F........Salt Lake City
Duffin, Marie, c-F........Salt Lake City
Duffin, Max H., c-So...Salt Lake City
Duke, Jennie, fa-So ....Heber
Duke, Kenneth L., a-S........Heber
Duke, Lela M., ss........Provo
Duke, Violet, ss ....Provo
Duncan, Ione, ss........Salt Lake City
Durfee, Helen, fa-F........Leota
Durrant, F. Earlene, fa-F........Castle Gate
Dusenberry, Ida S., e-Sp........Provo
Dye, Willard E., ss........Firth, Idaho

Eagar, David R., ss........Mammoth
Eagar, Ireta, c-J ....Eagar, Arizona
Earl, Don Lee, ss-fa-S........Las Vegas, Nevada
Eastmond, Elbert John, a-J........Provo
Eastmond, F. Taylor, c-F........Salt Lake City
Eastmond, Thomas Hull, a-S....Provo
Eddington, Donna M., a-F........Springville
Eddington, Roslyn Ann, a-So........Springville
Edgley, Farris Leo, fa-S........Pocatello, Idaho
Edler, Jennie, ss-e-Sp........Provo
Edmunds, Esther O., ss........Nephi
Edwards, Alice, ss........Charleston
Edwards, Rose M., a-F........Roosevelt
Eggertsen, Geraldine, fa-J........Springville
Eggertsen, Simon Peter, G......Provo
Eggertsen, Marjorie, e-Un........Provo
Eitel, Lorna L., fa-J....Salt Lake City
Ekins, J. Emery, a-F........Provo
Ekloff, Genevieve, ss........Eureka
Eldredge, Leah L., ss..Salt Lake City
Ellertson, Emry G., a-F........Mona
Ellett, Arthur O., ss.......Spanish Fork
Ellett, Darwin E., ss........Santaquin
Ellett, Robert, ap-So.....Spanish Fork
Elliott, Marie, c-Un ....Provo
Elliott, Margaret V., ss........Provo
Ellis, J. Bruce, ap-J........Spring City
Ellis, Steven Geo., a-F........Vineyard
Ellison, Helen, a-F....American Fork
Ellsworth, Edna, ap-S........Lewisville, Idaho
Ennis, Marguerite, ss-fa-J........Eagar, Arizona
Erickson, Elaine, a-F ....Richfield
Erickson, LaRue, e-J........Provo
Erikson, Mae, e-J........Rexburg, Idaho
Evans, Donald, a-F........Spanish Fork
Evans, G. Foster, a-S..Salt Lake City
Evans,. Howard C., ss-c-Sp........Lehi
Evans, Jennings D., c-S..Spanish Fork
Evans, Karma, c-F ....Lehi
Evans, Viola B., c-So........Anaconda, Montana
Eyring, Ethel, fa-S........Pima, Arizona

Fahring, Ray L., a-S........Helper
Fairbanks, Vanola, a-F........Richfield
Farnes, June P., e-J........Twin Bridges, Mont.
Farnsworth, Hatch, c-J........Provo
Farnsworth, Ivis, e-F........Colonia Dublan, Mexico
Farnsworth, Lucille, a-F........Colonia Dublan, Mexico
Farnsworth, Raymond B., ap-J........Enterprise
Faucette, Francis A., a-F........Sanford, Colo.
Faucette, Reese, a-S....Sanford, Colo.
Fautin, Reed W., e-S........Provo
Favero, J. Dewey, Sp........Hooper
Faylor, Sybil, O., ss........Logan
Faylor, Thelma, ss........Logan
Feast, Howard F., ss-a-S........Center, Colo.
Fechser, Ida M., ss-fa-J........Provo
Fechser, Kenneth F., ss........Provo
Fehr, Elroy P., c-F........Nephi
Fellmeth, Margaret, ss ....Salt Lake City
Felshaw, Marjorie, c-F..Safford, Ariz.
Felt, Bert, a-So........Centerfield
Fernley, James B., e-F........Caliente, Nev.
Ferris, Muriel, ap-F........Chicago, Ill.
Fetzer, Leona B., fa-Sp........Provo
Field, Herald v., fa-F........Provo
Fletkan, L. Ross, e-So........Boneta
Fillmore, Belle G., ss-fa-Sp......Provo
Fillmore, Elithe, c-F ....Provo
Fillmore, Elmer Lee, a-J........Spanish Fork
Fillmore, Winston J., a-J........Provo
Firmage, David A., a-F........Spanish Fork
Firmage, Wm. K., ss-Sp........Spanish Fork
Fischer. Virtue, fa-F ....Sandy
Fish, Charles R., a-F........Provo
Fish, Joseph S., G........Provo
Fish, Julia R., fa-Sp........Provo
Fish, Lalovi, ap-J......Snowflake, Ariz.
Fish, Richard, c-So........Mesa, Arizona
Fisher, Elton, ss-e-S ....King City, Calif.
Fisher, Flora D., ss-e-Sp........Provo
Fitzgerald, Dale K., c-F........Kamas
Fitzgerald, Don C., a-So........Lehi
Fitzgerald, Myrtle K., ss........Lehi
Fitzgerald, Ray R., c-F........Draper
Fitzgerald, Ronald E., c-F..Woodland
Fjeldsted, Lillian, ss........Centerfield
Fjeldsted. Melva, ss........Centerfield
Fletcher, Charles T., a-F........Provo
Fletcher, Clele, a-J........Springville
Fletcher, Grace, ss........Magrath, Can.
Fletcher, Hazel, ss........Provo
Flowers, Sara Jane, e-F........Las Vegas, Nev.
Fluit, Wilford M., c-F........Salt Lake City
Folster, Maxine, ap-J........Panguitch
Foote, Marjorie, c-F........Nephi

Fordham, Karl E., ss..........St. George
Forsyth, F. Howard, ss..........Cardston, Canada
Forsyth, Jean E., ss..........Santa Rita, New Mexico
Forsyth, Wm. A., ss-e-J..........Cardston, Canada
Foster, Dorothy M., a-F..........Heyburn, Idaho
Foster, Francis W., a-Sp..........American Fork
Fotland, Clara, ss..........Provo
Foutz, Russell T., c-So..........Fruitland, New Mexico
Fox, Norene, Sp..........Lehi
Foy, Joseph C., G..........Panguitch
Foy, Mary, c-So..........Panguitch
Frandsen, Calvin E., e-J......Redmond
Frandsen, Richard, a-J..........Provo
Frazier, Leo O., a-So..........Oakley
Freckleton, G. Virginia, e-Un....Provo
Freckleton, John M., a-So.........Provo
Freestone, Albert, ap-So....Mesa, Ariz.
Freestone, J. Victor, a-J..........Los Angeles, Calif.
Freestone, James R., a-F..Mesa, Ariz.
Frehner, Leon, ap-Co....Mesquite, Nev.
Frehner, Ora Mae, ss..........Littlefield, Ariz.
Frehner, Randall, ap-F..........Mesquite, Nev.
Frei, J. Claud, ss-e-So........Santa Clara
Frisby, Stella, fa-So....Salt Lake City
Fronk, Julian, aSp....Olmstead, Provo
Frost, Harvey L., a-F..Salt Lake City
Fuellenbach, Maurice A., A-F..........Richfield
Fugal, Jean A., a-So......Pleas. Grove
Fuller, Florence, c-F......Safford, Colo.
Fullmer, LaMar A., e-So..........Spanish Fork
Funk, Ezra, ap-Un..........Preston, Nev.

Gadd, Marorie, c-F..........Nephi
Galloway, Ardell, a-F..........Roosevelt
Gardner, Birdie J., f-So..........San Diego, Calif.
Gardner, Cora E., ss-Sp.........Sp. Fork
Gardner, Elna, e-F..........Afton, Wyo.
Gardner, Evan G., c-So..........Delta
Gardner, Fern, c-So..........Provo
Gardner, Gladys ,ss.........Spanish Fork
Gardner, Hazel, ss..........Payson
Gardner, Lincoln B., e-J..Afton, Wyo.
Gardner, Marguerite, e-So....Sp. Fork
Gardner, Merline, fa-J.........Am. Fork
Gardner, Neil B., a-F....Spanish Fork
Gardner, Nita, e-F........Spanish Fork
Gardner, Reid B., a-J....Spanish Fork
Gardner, Ross D., a-F..Salt Lake City
Gardner, Wallace H., c-S..........Spanish Fork
Garlick, Glen, a-F..........Springville
Garlick, Winnie, ap-F........Springville
Garner, Hazel A.,ss-ap-J..........Ogden
Garrett, P. Maurice, c-So..........Nephi
Garrett, W. Weston, c-So..........Provo
Gay, G. Venoy, c-So..........Joseph

Geary, Elmo G., ss..........Huntington
Geddes, Helen, ss..........Preston, Idaho
Geddes, Martha, G........Preston, Idaho
Geddes, Olive, c-F........Preston, Idaho
Gentry, Joe, fa-F..........Beaver
George, Mabel S., G..........Provo
George, Scott, a-F..........Kanosh
Gerard, Melba W., c-F..........Lewisville, Idaho
Germer, Max, fa-So..........Deweyville
Geslison, Clarence, a-F..Spanish Fork
Gibb, Jack Rex, e-S........Portland, Ore.
Giddings, Crandall, a-So.......Am. Fork
Giles, D. Kenneth, c-F..........Heber
Giles, Earl, e-J..........Heber
Giles, Fred N., ap-S..........Provo
Giles, Ruth, a-F..........Morgan
Gillespie, Elizabeth H., fa-Sp....Provo
Gillespie, Robert J., a-F..........Provo
Gillispie, Gerald, a-So..........Tooele
Gillins, Clarence, e-J..........Minersville
Gines, Reta, ss..........Provo
Glissmeyer, Mildred, e-So..........Salt Lake City
Glissmeyer, Pearl, e-F..Salt Lake City
Glover, Don, a-F..........Lehi
Glover, Hazel, e-So..........Midvale
Glover, Lucille A., c-F..........Midvale
Golden, Melba A., fa-Sp....Castle Gate
Golding, Lawrence, e-So..........Price
Goodman, Bill, fa-S..........Provo
Goodrich, Floyd C., c-So..........Bluebell
Gordon, Arthur V., a-Un......Am. Fork
Gordon, Glen H., c-S..American Fork
Gourley, Geo. A., e-S..........Provo
Gourley, Lee M., e-J........Pleas. Grove
Gourley, Rex S., a-F........Pleas. Grove
Graff, Clara, ss..........Santa Clara
Graham, Ellis, G..........Fairview
Graham, Ivan, c-So..........Byron, Wyo
Graham, Maitland, ss..........Fairview
Graham, Verena, ss..........Fairview
Graham, Richard, fa-So........Fairview
Grames, Ruth, ss-c-Un..........Provo
Granger, Cyril, e-F......Mesquite, Nev.
Grasse, Marjorie, fa-F....Denver, Colo.
Green, Doyle L., e-So..........Midvale
Green, Forace, e-S..........Midvale
Green, Garnet, a-So..McCammon, Ida.
Green, Jack, a-F..........American Fork
Green, Leola D., e-S........Boise, Idaho
Green, Mary V., e-F........Boise, Idaho
Green, Raymond R., a-F..........Provo
Greenhalgh, Gene W., a-So..........Santaquin
Greenhalgh, Joel W., fa-So..........Brigham City
Greenwell, Clyde P., c-So..........Ogden
Greenwood, Anne L., fa-F....Richfield
Greenwood, Don B., c-So........Midvale
Greenwood, Dorothy A., e-F....Sandy
Greenwood, Ella, e-So..........Sandy
Greenwood, Lois, ss....American Fork
Greer, Faye, ss-e-J..........Provo
Greer, Grant, ss..........Wallsburg
Griffith, Dorothy, ss-e-J..........Tooele
Griffith, Elmer, c-J..........Midvale
Grimes, A. Milton, c-S..........Provo

Grimes, Jesse W., ss-c-So............Provo
Grimes, Juanita, e-J....................Provo
Groberg, LeRoy B., ss............Fillmore
Groesbeck, Lue S., ss..American Fork
Grover, Alma J., c-F....Blackfoot, Ida.
Grow, David S., G......................Provo
Grow, Katherine, ss....................Provo
Grow, Stewart L., G....................Provo
Gudmundson, J. Keith, ss-cS... Springville
Gulbrandson, Wm. N., c-J...................................Huntington Park, Calif.
Gunn, Stanley R., ss..................Beaver
Gunnell, Halden, e-J......Grace, Idaho
Gunther, Orville C., ss-e-J....Am. Fork

Hacking, Bernice, e-S......Cedar Valley
Hacking, Florence J., e-F........Vernal
Hacking, Leo E., c-J..................Vernal
Hacking, Lola, ap-So......Cedar Valley
Hacking, Mary Helen, ap-J......Vernal
Hacking, Maurice, ap-So.. Cedar Valley
Hacking, Melda F., fa-Sp..........Provo
Hacking, Reed Geo., G................Provo
Hacking, Wayne B., a-So... Glenwood, Canada
Hadley, Margaret, ss..........Springville
Hadlock, Ruth, ss..........................Ogden
Hafen, Ralph R., fa-F....Mt. Pleasant
Haggerty, Charles Ed., e-F.......................................Hundred, West Va.
Hale, Nathan, e-J..........Blackfoot, Ida.
Hale, Ronald A., e-J........Oakley, Ida.
Hales, Belle W., ss.........................Provo
Hales, Delbert R., a-F....Spanish Fork
Hales, Mark L., a-F........Spanish Fork
Hales, Vern, a-So..........................Provo
Hall, Carmen E., ss.......................Ogden
Hall, Clarence, e-F........Blackfoot, Ida.
Hall, Clarisse H., e-Sp................Ogden
Hall, Lois, fa-F................Spanish Fork
Hall, James E., a-F............Henrieville
Hall, Milford L., ss-c-S....Eagar, Ariz.
Hall, Maurice B., a-J............Santaquin
Hall, Ross, c-F........................Mapleton
Halladay, Harry L., a-So............Provo
Halladay, Robert E., a-F............Provo
Hallam, Lucille, fa-F......Spanish Fork
Halliday, John R., ss-G....Pleas. Grove
Halliday, Rhea, e-So........Pleas. Grove
Halterman, Lyle O., a-F........Parowan
Halverson, Jean, a-So..................Provo
Halverson, Max B., a-F................Provo
Hamblin, Clara, ss........St. Johns, Ariz.
Hamilton, Don P., a-So..Sugar City, Ida.
Hammond, Clyda Mae, a-F..........Moab
Hammond, Ethel, ss.......................Moab
Hammond, Maxine, ss-G..Ashton, Ida.
Hammond, Roy B., a-S................Provo
Hammond, W. Kay, c-S..............Provo
Hancock, C. Anne, a-F........Roosevelt
Hanford, Jeanette, ss..............Fayette
Hanks, Earl Wayne, ss..............Tooele
Hanks, Howard P., ss................Eureka
Hanks, Thead, e-J..........Burley, Idaho
Hanson, Afton M., e-S...Bear River City
Hanson, Barbara, e-S....Rexburg, Ida.
Hansen, B. Lyle, a-F..Sheridan, Wyo.
Hensen, Burns S., fa-F..............Monroe
Hanson, Dorr W., ap-F............Helper
Hansen, Elda, ss-Sp................Richfield
Hansen, Elfie, fa-Sp.........................Lehi
Hansen, Elmo H., ss......................Nephi
Hansen, Everett A., ss..............Joseph
Hansen, Gladys, ap-F....................Price
Hansen, Glenn W., ss............Richfield
Hansen, Grant, a-F.......................Provo
Hansen, Lowell F., e-J......Spring City
Hanson, Margaret H., ss............Provo
Hansen, Marguerite H., ss-e-Sp... Provo
Hanson, Neva, ss-e-S...................Provo
Hansen, Pansy, c-F..........................Lehi
Hansen, Robert E., c-S................Provo
Hansen, Theresa, a-J...................Provo
Hansen, William E., c-F...El Monte, Calif.
Hanson, Wm. F., e-S....................Provo
Hansen, Wyroa, ss............Spring City
Harding, Elden A., ss..................Provo
Harding, Grace D., ss..................Provo
Harding, Jennie, ss.......................Provo
Harding, Marion E., ap-Un........Provo
Harding, Phebe, ss-e-Sp..............Logan
Harding, Vera, e-So......Taber, Canada
Harding, Wilbur R., c-F..............Provo
Hardman, Anna, e-So..................Myton
Hardman, Minnie, e-J.................Myton
Hardy, D. Elmo, a-J........Spanish Fork
Hardy, Eunice, ap-Un....Stirling, Can.
Hardy, Margaret L., e-So.. Rupert, Idaho
Harmer, Dorothy, e-J........Springville
Harmer, Elizabeth, ap-Sp..Springville
Harper, Richard W., e-J..Oakley, Ida.
Harper, Wilson T., a-F....Oakley, Ida.
Harris, Alvin, ss.........................Portage
Harris, Audrey B., G............Richmond
Harris, Charles, ap-So.....Pleas. Grove
Harris ,Edward D., ss.....................Delta
Harris, Eldon C., e-S.......................Lehi
Harris, Estelle S., Sp.....................Provo
Harris, Eugene, a-F.......................Provo
Harris, Franklin S., Jr., ss-G....Provo
Harris, Helen, a-S..........................Provo
Harris, James E., a-F.......................................Colonia Juarez, Mexico
Harris, Jos. B., ss.....................Blanding
Harris, Leah D., a-F.....................Provo
Harris, Margaret J., e-So.....................................Colonia Juarez, Mexico
Harris, Maureen E., c-S......Boise, Ida.
Harris, Maxine N., fa-J..............Ogden
Harris, Robert D., a-So...Salt Lake City
Harris, Thelma, a-F.......................Provo
Harris, Vonda, ss....................Ephraim
Harris, Wayne, G.....................Portage
Harrison, A. LaVere, ap-F........Provo
Harrison, Brigham H., ss...Manassa, Colo.
Harrison, Dan B., a-F..................Provo
Harrison ,Gladys L., ss......Springville
Harrison, LaPreal, ss....................Provo
Harrison, Madelyn, ss-e-Sp................

.... Springville
Harrison, Virl L., a-F........Springville
Harrison, Walter F., ss..............Heber
Harston, Geo. B., a-So........ Cowley, Wyoming
Hart, Charles J., G..........Provo
Hart, C. Eldon, s-So..........Ogden
Hart, V. Blaine, a-J......Pocatello, Ida.
Hartle, Lida, ss..........Vernal
Hartley, Gwen, a-F..........Fairview
Harvey, Ila J., e-So..........Blanding
Harwood, Eleanor J., a-F....Sp. Fork
Harwood, Loa, e-So..........Provo
Hashitani, Raymond I., ap-F.......... Nyssa, Oregon
Haslam, Glen W., a-F..........Am. Fork
Hassell, Farol L., c-F..........Mammoth
Hassinger, Ray E., e-So.......... Standardville
Hatch, Elaine, c-F..........Woods Cross
Hatch, E. LeRoy, a-So..........Colonia Juarez, Mexico
Hatch, Harvey A., ss..........Idaho Falls, Idaho
Hatch, Keith R., ap-So..........Provo
Hatch, Lila M., fa-Sp..........Provo
Hatch, Mabell E., ss..........Panguitch
Hatton, Don, ss..........Kanosh
Hatton, Harvard, ap-Sp..........Fillmore
Hauser, Clyde H., a-F..........Provo
Hauser, Russell L., a-F..........Provo
Hawker, Ada, ap-So..........Declo, Idaho
Hawker, Mary A., ap-F....Grantsville
Hawkins, LaMarr F., ss..........Nephi
Hawley, Ruth, e-J..........So. Gate, Calif
Haws, Elwood G., a-F..........Provo
Haws, Lois, e-So..........Provo
Haymore, Franklin R., c-F..........St. Douglas, Arizona
Hayward, D. Willard, c-J.......... Rupert, Idaho
Heincke, Gertrude K., ss..Farmington
Heiner, Pyna, e-F......Burntfork, Wyo.
Hemingway, Thomas F., a-F..........Ely, Nevada
Henderson, Erwin C., ap-So..........Salt Lake City
Henderson, Herman, e-F.......... Clifton, Idaho
Henderson, Laura W., ss..........Provo
Henderson, Walter, a-F..........Tropic
Henderson, Yvonne, ss-e-J..........Provo
Heninger, Melba, ap-Un..........Lucky Strike, Canada
Heninger, Virginia J., ap-J.......... Magrath, Canada
Henline, Ellis R., a-F..........Charleston
Henricksen, Roy, a-So..........Provo
Henrie, Vira, c-F..........Panguitch
Hepworth, Allan, ap-F..Grover, Wyo.
Herbert, Leo, a-F..........Douglas, Ariz.
Hermansen, Phyllis, e-F..........Gunnison
Heslington, David C., ss..........Milford
Heslington, Melbourne W., ss.......... Milford
Heslop, Lamont W., e-J..........Ogden
Hess, Frank, a-So..........Fielding
Hess, George M., ss..........Panguitch
Heywood, Edith, e-F..........Panguitch
Hicken, Nelda, c-So..........Heber City
Hicken, Orson B., c-So..........Heber City
Hicken, Ralph F., ap-So..........Heber
Hicken, Russell B., c-So..........Heber
Hicks, Veda, a-So..........Provo
Higginson, Frank G., ap-Sp..........Nephi
Higgs, Afton, a-F..........Salt Lake City
Higgs, Alice R., fa-Sp..........Provo
Hilgendorf, John G., Sp..........Provo
Hill, I. Roy, a-So..........Roosevelt
Hill, Laurel D., e-So..........Roosevelt
Hill, LeRoy A., ap-F..........Payson
Hillman, Eugene V., ss..........Payson
Hillman, Guy S., G......Pleasant Grove
Hilton, Effie, ss..........Rexburg, Idaho
Hilton, Helen, ss..........Hinckley
Hinckley, Beulah, a-J....Salt Lake City
Hinckley, Earl M., a-F....Ely, Nevada
Hinckley, Zina, ap-So....Salt Lake City
Hobson, Glen G., c-So..........Hoytsville
Hodges, James C., a-F..........Twin Falls, Idaho
Hodson, Afton, e-J..........Provo
Hodson, Mae, a-F..........Provo
Hodson, Marva, ss..........Provo
Hodson, Waldo G., ss..........Provo
Hoffman, Ida, e-S..........Springville
Hoge, Walter G., a-S....Blackfoot, Ida.
Hogan, Dorothy D., fa-..........Ogden
Holbrook, Helen, fa-F..........Provo
Holdaway, Clyde A., ap-So..........Provo
Holdaway, Lyle, ap-J..........Provo
Holden, Dean R., ap-So..........Payson
Holladay, Howard, ss..........Santaquin
Holley, Wayne, a-S..........Mapleton
Holland, Jena V. Clegg, G..........Provo
Hollingshead, Golden, ss.......... Caliente, Nevada
Hollingshead, Nolan A., a-So....Provo
Holman, Lenna, a-So..Manassa, Colo.
Holmes, Dorothy, ss..........Midway
Holt, Grant R., ss-c-So..........Provo
Holt, Ida, e-J..........Midvale
Holt, Jesse C., e-S..........Spanish Fork
Holt, Leah, ap-F..........Midvale
Holt, Vaughan O., fa-J..........St. George
Holyoak, Francis, ss......Burley, Idaho
Hoover, R. Lamar, a-So..........Park City
Hopkins, Mary A., e-J..........Delta
Hopper, Franklin T., a-F......Sp. Fork
Horr, Ruby D., fa-F..........Grand Junction, Colo.
Horr, Ruth L., fa-So..........Grand Junction, Colo.
Horsley, Bernice A., a-F..Malad, Ida.
Horsley, Dorothy L., ss-e-Sp.......... Pocatello, Idaho
Horsley, Gladys W., ss..........Soda Springs, Idaho
Horsley, Mabel, ss..........Brigham City
Houston, Fern, e-F..........Panguitch
Houston, James E., a-J....Lovell, Wyo.
Houtz, Delia, a-F..........Mapleton
Houtz, Mozelle, e-J..........Mapleton
Howard, Flora, c-F..........Huntington
Howe, Orvil H., c-F..........Provo
Howe, Wm. S., a-J..........Provo

Huber, Albert H., a-So..........Payson
Hudson, R. Roy, a-J..Evanston, Wyo.
Huff, Esther, a-J..........Provo
Hughes, Arthur G., e-J..........Springville
Hughes, Joseph W., ss..........Spanish Fork
Hughes, Laird E., a-S..........Wilkes-Barre, Penna.
Hughes, Nellie, ap-So..........Mesquite, Nev.
Hughes, Reed G., a-So..........Spanish Fork
Huish, Bruce A., c-So..........Payson
Hull, Dean M., a-Un..........Whitney, Ida.
Hull, Lorna, ap-J..........Whitney, Ida.
Hull, Melva A., ss..........Payson
Hullinger, Harvey, ss..........Lapoint
Hullinger, Roland, sse-J..........Lapoint
Humphrey, LaVerne, ss..........Orangeville
Hundley, A. Lucile, ss-c-S..........Provo
Hunt, Burton P., a-J..........Pine, Ariz.
Hunt, Max R., c-So..........Joseph City, Ariz.
Hunt, Paul, a-Un..........Buhl, Idaho
Hunt, Rex J., ap-F..Joseph City, Ariz.
Hunter, Inez F., c-F..........Idaho Falls, Idaho
Hunter, Kenneth, a-So..........Amer. Fork
Hunter, Royal, a-So..........Provo
Hunter, Virginia, c-Sp..........Provo
Huntington, Mae, ss..........Springville
Huntington, Roy L., fa-J..........Heber
Huntsman, Blaine, ss-Sp..........Fillmore
Hurst, Henry, a-So..........Blanding
Hutchings, Alberta, c-F..........Span. Fork
Hutchings, Brian L., a-So..........Midvale
Hutchings, Harold, a-J..........Lehi
Hutchings, Lowell, a-F..........Beaver
Hyde, Betty I., a-F..........Salt Lake City

Irwin, Geo. W., a-So..........Raymond, Wash.
Isaac, Bert D., c-F..........Spanish Fork
Isaksen, Clara M., fa-So..........Mt. View, Calif.
Isaksen, Marie M., fa-F..........Mt. View, Calif.
Isgren, Emil P., G..........Salt Lake City
Iverson, Chas. M., G..........Provo
Iverson, Ivan, c-F..........Provo
Iverson, Martin H., G..........Washington
Ivie, Raymond, ss-c-Un..........Provo
Ivins, Bertha H., ss-Sp..........Provo

Jackman, Golden L., e-J..........Salem
Jackman, Wanda, c-F..........Provo
Jackson, Beth, e-So..........Lehi
Jackson, Elda, ap-So..........Manassa, Colo.
Jackson, Ellen, ap-S..........Provo
Jackson, Ferol, e-F..........Bicknell
Jackson, Genevieve, e-Un..........Vernal
Jackson, Margaret Ruth, c-Un..Provo
Jackson, Norma, e-So..........Provo
Jackson, Reva, e-J..........Teasdale
Jacob, Gladys E., c-Sp..........Provo
Jacob, J. Norton, ap-F..........Provo
Jacob, Maude B., G..........Provo
Jacob, Milton, a-J..........Provo
Jacobs, Bennett H., c-So..........Rockland, Idaho
Jacobs, Helen M., a-J..........Provo
Jacobs, Keith H., a-So..........Pleas. Grove
Jacobs, Madge A., a-So..........Provo
Jacobson, DeWitt, a-So..........Provo
Jacobson, Dorothy, ss..........Salt Lake City
Jacobson, Eula B., ss..........Pine Valley
Jacobson, Raymond, c-F..........Provo
Jacobson, Rilla, ss-c-So..........Provo
Jameson, Joseph L., ss..........Eureka
Janson, Dorothy, c-S..........Provo
Janssen, Helen, ap-J..........Murray
Jarvis, Ann, fa-So..........Washington, D.C.
Jarvis, George A., a-J..........St. George
Jaussi, Wm. J., a-So..........Paris, Idaho
Jeffery, Iliff C., a-S..........Delta
Jeffery, Lavieve, ap-Sp..........Delta
Jeffery, Pearl, a-S..........Delta
Jenkins, Beth, a-F..........Provo
Jenkins, Elvira, fa-So..........Provo
Jenkins, Louise, ss-fa-S..........Provo
Jenkins, Maurine, a-F..........Provo
Jenkins, Ted N., a-F..........Provo
Jennings, Forest D., a-So..........Pine Ridge, So. Dakota
Jense, Mary, ss..........Pleasant Grove
Jensen, Alva O., a-So..........Provo
Jensen, Ana M., e-S..........Ephraim
Jensen, Anna, ss..........Preston, Idaho
Jensen, Annie Marie, ss-a-G..........Salt Lake City
Jensen, A. Morris, a-F..........Moroni
Jensen, Beatrice L., Sp..........Salt Lake City
Jensen, Bessie, ss..........Preston, Idaho
Jensen, Beulah, ss, a-F..........Provo
Jensen, Byron B., fa-F..........Brigham City
Jensen, Cannon H., ss-a-J..........Provo
Jensen, Eleanor, e-J..........Monroe
Jensen, Elmo M., c-F..........Springville
Jensen, Henry, c-J..........Riverton
Jensen, Iola J., a-F..........Provo
Jensen, J. Gilman, c-S..........Richfield
Jensen, Jeniel, a-F..........Moroni
Jensen, J. Seymour, ss..........Mt. Pleasant
Jensen, James, a-F..........Goshen
Jensen, John H., c-F..........Provo
Jensen, Lola C., ss-e-S..........Nephi
Jensen, Mae M., ss..........Elsinore
Jensen, Mabel E., a-F..........Provo
Jensen, Marvin, ss-Sp..........Spanish Fork
Jensen, Melba, a-J..........Richfield
Jenson, Ralph W., ss-a-S..........Provo
Jensen, Regena, ss..........Brigham City
Jensen, Walter A., fa-S..........Salt Lake City
Jensen, Walter L., a-F..........Sanford, Colo.
Jensen, Wanda, ap-F..Manassa, Colo.
Jensen, Vaughn L., ap-F..Castle Dale
Jensen, Violet, ss..........Mantua
Jeppsen, Faye, e-S..........Brigham City
Jeppesen, Lillian, ss..........Mantua
Jeppsen, Mary W., ss..........Payson
Jeppsen, Rhodes, G..........Provo
Jewkes, Jackson, ap-F..........Price
Jewkes, Jay W., ap-F..........Orangeville
Jewkes, Monte K., ap-F..........Price
Jewkes, Movell A., c-F..........Price
Johansen, Alva J., ss..........Provo
Johansen, Grant L., e-S..Mt. Pleasant
Johansen, Verl E., ss..........Mt. Pleasant

Johns, Twyla, c-F............Spanish Fork
Johnson, Afton, c-Sp............Provo
Johnson, Allan, e-So..Anaheim, Calif.
Johnson, Bert, ss............Monroe
Johnson, Blaine, fa-F....Spanish Fork
Johnson, Clara R., ss............Payson
Johnson, Clarence, a-F............Provo
Johnson, Doran R., c-Un............Provo
Johnson, D. Elmer, G............Provo
Johnson, Fay, ss............Provo
Johnson, Frances, fa-F..Spanish Fork
Johnson, G. Weston, a-So............Provo
Johnson, Glenn A., a-J............Provo
Johnson, Hazel, ap-F......Pleas. Grove
Johnson, Helen, e-J............Huntington
Johnson, Ina G., G............Provo
Johnson, Ione, e-F............Vernal
Johnson, J. Bernece, c-J..Nampa, Ida.
Johnson, Jessie, e-So............Provo
Johnson, Kenneth D., ap-E............Heber
Johnson, LaVell F., ss............ Fountain Green
Johnson, LaVerne, ap-F....Span. Fork
Johnson, Lorin L., a-F............Payson
Johnson, Lucille, e-So....Overton, Nev.
Johnson, Melcolm M., a-J............Terry, Montana
Johnson, Margaret E., fa-F............Provo
Johnson, Minerva, ss............Springville
Johnson, Myrle, e-F............Springville
Johnson, Nelda, ap-F............Springville
Johnson, Paul C., e-Un............ Springville
Johnson, O. Robert, a-F............Lehi
Johnson, Rachel, e-J............Springville
Johnson, Steve B., a-J............ Marysville, Calif.
Johnson, Vearl S., G............Provo
Johnson, Wanda, ap-J............Vernal
Johnson, Wayne K., a-So............ Pleasant Grove
Johnston, Helen M., ss-fa-So............ American Fork
Johnston, Irene, ss......American Fork
Johnston, J. Delwin, fa-F............ Blackfoot, Idaho
Jolley, Ann Iva, fa-So....Lovell, Wyo.
Jolley, Udell, a-J ....Provo
Jones, Dale, c-S ....Provo
Jones, Donna C., c-F............Byron, Wyo.
Jones, Doratha J., ss............Provo
Jones, Eileen C., e-F....Salt Lake City
Jones, ElRoy, e-S............Provo
Jones, E. LeRoi, fa-J............Bacchus
Jones, Emil O., c-F............Gilmer, Texas
Jones, Florence, ss............Provo
Jones, Harold B., c-So............Provo
Jones, Harold T., a-J............Provo
Jones, Josephine, fa-F............Colonia Dublan, Mex.
Jones, Kaye H., a-F............Flushing, New York
Jones, LaVerne, ap-F....Overton, Nev.
Jones, Lucile W., ss............Provo
Jones, Marjorie, a-F............Heber City
Jones, Maurice A., G............Provo
Jones, Max W., ap-J..American Fork
Jones, Melva U., e-S............Provo
Jones, Milton C., Sp............Provo
Jones, Oscar M., a-F......Byron, Wyo.
Jones, Reed E.. G............Payson
Jones, Ronald, c-Sp............Provo
Jones, Wendell P., a-F............Blanding
Jones, Vivian, a-So............Provo
Jordan, Lee K., c-J............Stanford, Univ., Calif.
Jorgensen, Calva, ap-F............Leota
Jorgensen, Everett, c-J............Peoa
Jorgenson, Florence E., ss............ Castle Dale
Jorgensen, Jorden, c-F............Provo
Jorgensen, Glade, fa-So............Am. Fork
Jorgensen, V. Frank, ss............ Fountain Green
Josie, Charles, e-Sp5............Provo
Jude, Fern,ss............ Ogden
Judd, Afton, e-J............St. George
Judd, A. Dee, a-J............Panguitch
Judd, Florence, ss-e-S............LaVerkin
Judkin, Leonard, ss............Rigby, Idaho
Karren, Ethel, a-So............Vernal
Kartchner, Fred. ss-a-S............Provo
Kartchner, Veda F., ss............Provo
Kartchner, Verl, fa-F............Blanding
Kavochevich, c-J............ Provo
Kay, Afton J., ap-S............Charleston
Kay, Rheta, ss............Provo
Keeler, Essie R., ss............Provo
Keeler, Virginia B., e-Sp............Provo
Keetch, Eliza I., ss............St. Charles, Idaho
Keith, A. Howard, a-J............ Raymond, Idaho
Kelley, Irving B., a-F............W. Harwich, Mass.
Kelsey, Helen S., ap-F............Burley, Idaho
Kemp, Wilford J., c-F............Provo
Kendall, B. Marie, c-J............Nephi
Kendell, Grant A., a-J............Ogden
Kennedy, Gail, e-F............Springville
Kenner, Delmar O., c-J..Denver Colo.
Kenner, Glenn R., G............Manti
Kenner, Kerma, G,............Provo
Kennington, Garth S., e-F............Afton, Wyoming
Kern, P. Fay, e-F............Malad, Idaho
Killian, Geo. W., fa-So......Orangeville
Killpack, Dean W., ap-F............Ferron
Killpack, Edward S., a-F............Provo
Killpack, Kenner, a-So......Huntington
Killpack, Marjorie, e-F....Driggs, Ida.
Killpack, Merlin L., a-F............Provo
Kimball, Althea A., ap-Sp............Provo
Kimball, Gardner J., e-G............Kanosh
Kimball, Griffith R., e-J............Draper
Kimball, Gwen R., e-So............Draper
Kimball, Heber, e-Un............Vernal
Kimball, Virginia M., ap-S............Provo
King, Alma W., Sp............Garland
King, Dwight L., c-F............Provo
King, Stella, e-J............Grace, Idaho
Kinghorn, Twila A., ss............Idaho Falls, Idaho
Kinsey, Ivan J., c-F............Heber
Kirk, Rebecca, c-So............Provo

Kirk, Warren Paul, a-J .... Pleasant Grove
Kirkham, Maxine, fa-Sp .... Provo
Kirkham, Ralph N., fa-So .... Garland
Kirkham, Rose ss-e-S .... Salt Lake
Kitchen, Levi, c-J .... Tridell
Kittinger, Davis, a-F .... Lehi
Kjar, Maurine, ap-S .... Manti
Kleinman, Conrad, J Sp .... Mesa, Ariz.
Kleinman, Lee, e-J .... Mesa, Ariz.
Klemme, Robert A., e-F .... Bozeman, Mont.
Knight, Jennie B., ss .... Provo
Knight, Mary Maxine, a-F .... Raymond, Canada
Knight, Phillip S., ss-c-S .... Provo
Knight, Stanley W., ap-So .... Hinckley
Knight, Vondella H., ss .... Fairview
Knott, Mrs. Emilia V., c-F .... Council Bluffs, Iowa
Knudsen, Beth L., c-F .... Provo
Knudsen, Leola, e-F .... Provo
Knudsen, Moyle, c-F .... Portage
Knudsen, Velva, ss-e-S .... Provo
Knudsen, Wesley F., a-F .... Provo
Kocherhans, Hilda, a-So .... Provo
Kocherhans, Lavar P., a-So .... Provo
Korth, Clara M., fa-F .... Garland
Kotter, Betty May, e-F .... Salt Lake
Kruger, Beth M., fa-So .... Spanish Fork
Kump, LaVar, c-So .... Provo
Lambert, Carlyle B., a-So .... Provo
Lambert, James E., a-So .... Provo
Lambert, Joseph P., a-F .... Burley, Idaho
Lambert, M. Marguerite, fa-So .... Colbran, Colorado
Lambert, Maurice C., a-F .... Roosevelt
Lambert, Theron, a-S .... Roosevelt
Lamph, David D., ss .... Castle Dale
Lang, Lenore I., fa-Sp .... Ventura, California
Lang, Sidney E., a-S .... Santa Paula, Calif.
Larson, Arvid D., e-J .... Cleveland
Larson, Blanch, ss-Sp .... Lehi
Larsen, Don, c-F .... Spanish Fork
Larson, Don Hyrum, a-F .... Provo
Larson, Eldon, Sp .... Las Vegas, Nev.
Larsen, Ellen, ss .... Preston, Idaho
Larsen, Eugene C., G .... Provo
Larsen, George M., a-J .... St. George
Larsen, George N., c-S .... Pleasant Grove
Larsen, Glendale, fa-J .... Moroni
Larsen, Grant F., ap-S .... Stirling, Canada
Larsen, Harold, c-So .... Sandy
Larsen, Harold E., a-F .... Richfield
Larsen, Herbert R., a-J .... Heyburn, Idaho
Larson, J. LaMar, a-F .... Gunnison
Larsen, Leona S., ss .... Spanish Fork
Larsen, Louise, ss .... Mayfield
Larsen, Lucy C., fa-Un .... Provo
Larson, M. Kathreen, a-F .... Ely, Nevada
Larsen, Merrill A., a-F .... Spanish Fork
Larsen, Lynn G., ss .... Castle Dale
Larsen, Rex B., G .... Provo
Larson, Ronald F., a-So .... Provo
Larsen Tharol B., ss-Sp .... Roosevelt
Larsen, Thomas C., a-F .... Pleasant Grove
Larsen, Vernon F., ss .... Mt. Pleasant
Law, Elcee, c-So .... Delta
Law, Ronda J., c-S .... Delta
Laws, Kenneth, a-F .... Provo
Law, Wanda, a-Un .... Provo
Laws, Wilford D., a-F .... Blanding
Laycock, Harold R., a-J .... Lethbridge, Canada
Laye, Arma, e-So .... Richfield
Laye, Rhoda, a-F .... Richfield
Layton, Iwa, a-So .... Kaysville
Layton, Leola, a-F .... Thatcher, Ariz.
Lazenby, Helen B., e-J .... Farmington
Leaming, Jack, c-F .... Moab
Leavitt, A. Jay, e-J .... Bunkerville, Nevada
Leavitt, Hafen W., ap-F .... Mesquite, Nevada
LeBeau, Boneta E., a-So .... Roosevelt
Lee, Virginia F., fa-F .... Provo
Lee, Wilford D., ss-G .... Provo
LeeMaster, J. Vernon, ss .... Provo
Lefler, Thomas L., c-F .... Woodland
Lemon, Floral, e-J .... Myton
Lemon, James, e-F .... Myton
Lemon, Olive, e-So .... Myton
Leonard, Drew, c-F .... Huntington
Leonard, W. Hugh, fa-F .... Huntington
Lessey, Elsie, ss .... Rigby, Idaho
LeSueur, C. Gordan, fa-J .... Eagar, Arizona
LeSueur, Edith P., ss .... Byron, Wyo.
LeSueur, Oma, e-S .... Mesa, Ariz.
LeSueur, Woodrow, a-F .... Eagar, Ariz.
Lewis, C. P., ss .... Vernal
Lewis, Fred A., ss .... Provo
Lewis, H. LeGrande, a-F .... Provo
Lewis, John D., e-So .... Provo
Lewis, Kenneth M., ap-S .... Provo
Lewis, Lorean, ap-F .... Overton, Nev.
Lewis, Murray R., ss-c-Sp .... Moroni
Lewis, Ruth ss .... Salt Lake City
Liddle. J. Doyle, ss-G .... Payson
Liechty, Ida, ss .... Provo
Lind, Arta H., fa-F .... Twin Falls, Ida.
Lindsay, Fern, ss-Sp .... Midvale
Lindsay, Ina, ss-e-S .... Spring Canyon
Lindstrom, Bailey, c-Sp .... Provo
Lindford, Edith, c-F .... Logan
Lindford, Gwen M., a-So .... Logan
Livingston, Faun, ap-So .... Springville
Livingston. Vaughn E., e-S .... Provo
Llewellyn, Margaret L., e-J .... Salt Lake City
Lloyd, Parley S., e-F .... Riverton
Lloyd Vaughn, a-So .... Riverton
Lodge, Patricia, e-So .... Tooele
Logan, Jessie, ss .... Eureka
Logie, Roland D., a-Sp .... Pleasant Grove
Lortz, Virginia M., ss-a-S .... Idaho Falls, Idaho

Losee, Ferron C., ss-e-S..............Provo
Lott, Delbert S., ap-F........Huntington
Lott, Willard C., ap-S......Huntington
Love, Raymond N., c-J........St. George
Loveland, LaVere, a-F.. Rupert, Idaho
Loveridge, Richard L., c-F.. Springvile
Lowe, Jennie, ss..............................Ogden
Lublin, Blanche W., e-J........Roosevelt
Ludlow, Thelma, ss........Spanish Fork
Luce, Willard R., e-F....................Price
Ludlow, J. Woodrow, c-F.. Spanish Fork
Ludlow, Lewis, a-J................Benjamin
Ludlow, Lovinia, a-F......Spanish Fork
Lund, Erma, ss........................ Ephraim
Lund, Fay, e-F........................Gunnison
Lund, Leon, ss............Fountain Green
Lundquist, Junior, fa-S..............Ogden
Lund, Leslie T., c-F................Fairview
Lyman, Kay P., a-F..............Glanding
Lyman, Robert, a-F................Glanding
Lynn, Gerald., a-So..........Lovell, Wyo.
Lyon, Aileen, fa-J..........Overton, Nev.
Lyons, Walter, a-So ....Livingston, Mont.
Mabey, Phyllis, a-Un....................Provo
Mackay, Oral C., c-F............Roosevelt
MacKnight, Katherine, c-F..........Price
Madsen, Allan, a-F................Fairview
Madsen, Archie L., a-So..............Provo
Madsen, Beth, e-So.....................Manti
Madsen, Charles H., ss-Sp..........Price
Madsen, David L., c-F............Riverton
Madsen, Elna, c-So..........Mt. Pleasant
Madsen, Eva, e-J...........................Provo
Madsen, Evan, ss........Thatcher, Ariz.
Madsen, Harold, ap-J..................Provo
Madsen, Russell J., c-F................Provo
Madsen, Thelma, e-F..........Springville
Magleby, Arlo, c-F..................Richfield
Magleby, Burns E., c-So............Monroe
Maloy, Leslie B., ap-Sp....Pima, Ariz.
Mangum, Frank W., a-Un..........Provo
Mangum, Ina M., Sp....................Provo
Mangum, Jessie K., ss-c-S..........Provo.
Manning, Ivy N., ap-F................Burley
Manson, Jerald, c-So....................Provo
Manwaring, Gladys, c-J.. Rexburg, Idaho
Manwaring, Iva, e-So..................Vernal
Manwill, Mildred, e-F................Payson
Marchant, A. Thos. a-F................Peoa
Marchant, Hazel, e-F.....................Peoa
Marchant, Moroni A., e-J............Peoa
Marcil, Theora S., e-So................Salem
Markham, Ben S., a-S....Spanish Fork
Markham, Gladys, a-F....Spanish Fork
Markham, Lynn C., a-S..Spanish Fork
Markham, Mae, c-So........Spanish Fork
Marquardson, Max S., c-S......Elsinore
Marrott, Ray L., a-F....................Provo
Mardsen, Althea, ap-S....................................... Cardson, Canada
Marshall, Julia T., a-Sp..............Provo
Martin, Flora H., ap-F..Ronan, Mont.
Martin, Raymond, ss-fa-Sp....................................Samaria, Idaho
Martin, T. Paxman, ap-F............Provo
Martineau, June, a-J....Pocatello, Ida.
Mathews, Kate, ss...........................Provo
Mathis, Mrs. Geo., ss....................Price
Matley, Eleanor, ss........Spanish Fork
Maughan, Angus M., ss-a-F.. Richfield
Maughan, Angus M. G-ss........Richfield
Maughan, Lila, a-So..............Richfield
Maxwell, M. Eldridge, ss-c-Un.. Eagar, Arizona
Maxwell, Lin V., a-So....Eagar, Ariz.
May Chester H., c-J........Rupert Idaho
Maycock, Naomi, e-So........Springville
Mayer, S. Louise, a-p-F.. Manderson, Wyoming
McAllister, Rhean L., ap-S.. Spanish Fork
McAnulty, Dale, G....................Antonchico, New Mexico
McBeth, Paul, ss-a-So................Payson
McBride, Harold, a-J........Pima, Ariz.
McBride, Mateland A., a-F........Provo
McBride, Orlando S., ss.................................. Thatcher, Arizona
McClellan, Chase W., a-F..........Payson
McCoard, Donna, ap-So................Provo
McConkie, Ellen, a-F....................Moab
McCracken, Cleo, e-J....................Ogden
McDonald, Alda M., ss................Heber
McDonald, Ralph, a-F................Hooper
McDonald, Ward, c-S....................Provo
McDonald, Winnifred L., a-J....Sandy
McDougal, Gilbert A., a-F............... Campbellsport, Wisconsin
McDougal, Jame L., e-J.................... Cambellsport, Wisconsin
McEwan, Blanche, ap-F........Salt Lake
McGregor, Alma, a-Sp...... St. George
McGregor, Mar W., ss........St. George
McGregor, Mary, fa-S........St. George
McGuire, Dorothy, a-F................Provo
McGuire, James A., a-S.............Provo
McGuire, John H., G....................Provo
McGuire, Roy, a-S........................Provo
McIntire, Floyd C., a-S.................Price
McIntire, Wayne F., ss-a-S..........Price
McIntosh, Fern F., e-F....Mt. Pleasant
McKay, Donald S., ss-fa-F......Garfield
McKay, Flora J., ss........Spanish Fork
McKenzie, W. Howard, c-So... Springville
McKinney, Howard, e-So..............................Culbertson, Mont.
McKnight, Neil H., c-J...................................Moreland, Idaho
McMullin, DeLoy, c-F.............Midvale
McNeil, Ina, c-S............Mesa, Arizona
McOmie, Clara M., e-F..................Lark
McPherson, John B., ss-a-S..Springville
Meiling, Virginia, fa-F..................Lehi
Meldrum, Gilbert, a-J...........................Flushing, New York
Mellor, Ada S., e-J........................Provo
Memmott, LaPrele, c-F.............Scipio
Memmott, Orion P., ss................Scipio
Memmott, Thos K., ss.............Boulder
Mendenhall, Max, fa-F..........Mapleton
Mendenhall, Ruth, c-Sp......Springville

Mensel, Dorothy, ss....Provo
Mensel, Laura M., ss....Provo
Menzies, Lila, ap-J....Provo
Mercer, Alma, a-So....Oakley, Idaho
Mercer, Luana, a-Sp....Bountiful
Merrill, Alton D., e-J....Provo
Merrill, Mrs. Amos N., fa-Sp....Provo
Merrill, Bentley, ss-e-So....Los Angeles, Calif.
Merrill, Dave M., G....Provo
Merrill, Dorothy, c-F....Preston, Idaho
Merrill, W. Douglas, e-S....Clifton, Idaho
Merrill, Edna J., a-Sp....Provo
Merrill, Emily S., e-F....Ogden
Merrill, Harriet, e-F....Smithfield
Merrill Laura Hyde, e-S....Salt Lake
Merrill, LaVerne L., ss....Provo
Merrill, Owen R., ss....Clifton, Idaho
Merrill, Paul J., a-F....Provo
Merrill, R. Owen, c-So....Clifton, Ida.
Merrill, Ruth, a-J....Phoenix, Ariz.
Merrill, Velma Mae, G....Mesa, Ariz.
Merrill, Vera M., a-Sp....San Diego, California
Messinger, Arlo, a-So....Beaver
Metcalf, Marvin E., c-F....Idaho Falls, Idaho
Meyrick, Verl H., e-J....Mt. Pleasant
Mickelsen, Gail, e-F....Draper
Mickelsen, Woodrow S., c-S....Draper
Middlemiss, Eugene E., ss....Salt Lake
Mikkelsen, Seymour R., ss....Fountain Green
Miles, Laurence D., a-F....Tooele
Miller, Bernice, ss....American Fork
Miller, Dagmar, c-F....Provo
Miller, Dean H., fa-F....Snowflake, Arizona
Miller, Geo. Lewis, e-F....Tremonton
Miller, Joe J., a-F....Springville
Miller, Melba, c-F....Venice
Miller, Vance, ap-F....Joseph City, Ariz.
Miller, W. Elbert, c-S....Provo
Miller, Mrs. W. C., ss....Provo
Millett, Beulah, ss-fa-S....Mesa, Arizona
Millett, Roy F., ss-fa-Sp....Grants, New Mexico
Millett, Wayne, ss....Mesa, Ariz.
Milliner, Darrel R., a-So....Peoa
Mills, Bert, ap-F....Fairview
Miner, Delbert L., a-F....Fairview
Miner, Gordon B., a-F....Provo
Miner, Harold P., c-F....Springville
Miner, Harriet, a-So....Springville
Miner, J. Edwin, a-F....Fairview
Miner, Louie Jean, fa-So....Fairview
Mitchell, Barbara A., c-F....Marion
Mitchell, Irene, ap-So....Provo
Mitchell, L. Wm., ss....Provo
Mitchell, Katharine, e-F....Provo
Mitchell, Kent W., a-F....Parowan
Mitchell, Ruth, ap-Sp....Provo
Moe, Edward O., a-So....Provo
Moffett, Dessie A., ap-Sp....Duncan, Ariz.
Moffett, Jos. F., a-S....Duncan, Ariz.
Moir, Gwyne, c-F....Provo
Moncur, Vern L., e-J....Rupert, Ida.
Monk, Mrs. Myrtle B., ss....Spanish Fork
Monk, Ralph W., a-J....Spanish Fork
Monson, Jesse H., a-J....Pleasant Grove
Moon, Dora, ap-So....Hanna
Moon, Marjorie, e-F....Hanna
Moon, Vernon, ap-F....Hanna
Moore, Eleanor, ap-F....Spanish Fork
Moore, Marjorie, c-Sp....Provo
Moore, W. Harvey, a-J....Spanish Fork
Morby, Hortense, e-J....Pleasant Grove
Morgan, Arthur J., ss-c-J....Mohrland
Morgan, Betty, fa-F....Moore, Idaho
Morgan, E. Lucille, ap-F....Kuna, Ida.
Morgan, Leo F., ss....Eureka
Morgan, Ned M., a-F....Provo
Morgan, Ralph J., e-S....Spanish Fork
Morley, Eloise S., G....Provo
Morrell, Hattie, ss....Hyde Park
Morrill, A. Reed, ss....Tridell
Morrill, J. Glenn, ss-a-S....Tridell
Morrill, Gwen, e-So....Junction
Morrill, Shirl, c-F....Junction
Morris, Margaret C., ss....Salt Lake City
Morris, Rachel, ss-ap-Sp....Provo
Mortensen, A. Russell, a-J....American Fork
Mortensen, Chris I., c-F....Riverton
Mortensen, Clara, e-So....Mayfield
Mortensen, Donald G., e-J....North Hollywood, Calif.
Mortensen, Estella, ap-S....Manassa, Colo.
Mortensen, Floyd, ap-F....Sanford, Colo.
Mortensen, Harry B., ss....Cleveland
Morton, Ermel J., a-S....Mapleton
Moulton, John B., ap-So....Heber City
Mouritsen, Glendale, ap-F....Draper
Mower, Harold J., a-J....Provo
Mower, Wilford A., ap-So..Springville
Mugleston, Alberta J., e-F....Los Angeles, Calif.
Muhlestein, Alvey, c-Sp....Provo
Muhlestein, Sterling R., a-F....Provo
Muhlestein, Tell, fa-F....Provo
Munson, Leo A., ap-F....Hiawatha
Murdock, Carl., c-F....Heber City
Murdock, Cuthbert, a-F....Provo
Murdock, Elroy, ap-F....Provo
Murdock, John R., c-J....Heber
Murdock, Maurine, fa-So....Provo
Murphy, Lee C., ss....Salina
Murphy, Paul, c-J....Upalco
Murray, Eunice, a-F....Vernal
Murray, Lawrence, a-F....Vernal
Murry, Lacy Williams, c-J....Provo
Murry, Mark, c-F....Las Vegas, Nev.
Myers, LaDean, c-F....American Fork
Nance, LuDema, ap-S....Idaho Falls, Idaho

Naye, Mynie, ap-F....Las Vegas, Nev.
Naylor, Adelbert H., c-F..........Midvale
Naylor, Joseph A., a-J..........Bountiful
Nebeker, Garth G., a-F..........Richfield
Neilson, R. Clark, a-S..................Provo
Neilson, A. Blanche, ss-Sp..........Provo
Nelson, Arva F., ap-F..........................Pleasant Grove
Nelson, Barbara A., ss..Downey, Ida.
Nelson, Bernice, e-F......................Payson
Nelson, Bill, c-F..................................Provo
Nelson, Carl O., ss..........................Payson
Nelson. Charlotte, fa-So........................ Taylor, Ariz.
Nelson, Dona, e-J............Spanish Fork
Nelson, Dorothy J., ss....Downey, Ida.
Nelson, Elmo A., c-S............Roosevelt
Nelson, Evan G., e-S..................Ferron
Nelson, Howard R., fa-F....................Pleasant Grove
Nelson, Jay LeGrand, c-S..................Brigham City
Nelson, John A., fa-So........Springville
Nelson, Lynn A., a-F....................Provo
Nelson, Mabel M., ss..American Fork
Nelson, Marion, e-F....................Payson
Nelson, Maurine, e-F..................Payson
Nelson, Milton A., fa-S................Provo
Nelson, M. Jane E., G............Roosevelt
Nelson, Maxine, e-So..........................Darlington, Idaho
Nelson, R. Leona, a-So..............Elberta
Nelson, Roscoe M., a-J................Logan
Nelson, S. LaRelle, a-J..........................Rexburg, Idaho
Nelson, Veatrice, a-Un....Webb, Ariz.
Nelson, Veda B. S., ss-G............Provo
Neves, Elda, fa-So........Pleasant Grove
NeVille, Jessie, Sp..........................Provo
Newcomer, Vincent, fa-J..........Morgan
Newell, Clark, a-F..........................Mona
Newell. Donna, ss..........................Mona
Newel, John Smoot, a-F...................Bell Fourche, So. Dakota
Newell, Rulon Day, ss............Elsinore
Newell, Wm. L., c-So....................Provo
Newren, Loey Y., a-So................Provo
Newton, Leon, Sp......................Monroe
Nicholes, Eleanor L., ss-a-S........Provo
Nicholes, E. Heber, ss.......................... American Fork
Nicholes, Fern S., ss.......................... American Fork
Nicholes, Henry J., G..................Provo
Nicholes, Max M., ap-F................Provo
Nicholes, Paul S., ap-J-ss..................Eagar, Ariz.
Nickerson, R. Charles, c-So........Provo
Nickerson, Fred A., fa-F............Ogden
Nielsen, Averill B., ap-S..........Ephraim
Nielsen, Dallin S., fa-S..............Monroe
Nielson, Don, G......................Mapleton
Nielson, Farren, a-F......................Provo
Nielson, Ferl, ap-So...............Mapleton
Nielson, Fred T., c-F.......................... American Fork
Nielson, J. Grant, c-F..........Springville
Nielsen, J. Wells, a-F..............Monroe
Nielson, Jennie L., a-F..........................Madera, Mexico
Nielsen, Mabel D., e-S................Murray
Nielsen, Marlin A., ss............Ephraim
Nielsen, Mont G., c-F.......................... Fountain Green
Nielson, Pricella, ss..............Springville
Nielson, R. LaMont, ss..........Roosevelt
Nielson, Reed H., c-J................Monroe
Nielson, Wendell L., e-S....Springville
Nilsson, Ralph F., ss....................Heber
Nisson, Antone W., G......Washington
Nokleby, Marion Lee, a-F.......................Boise, Idaho
Norton, Leslie T., e-S..................Ogden
Norton, Preston, c-F.......................Provo
Nosack, F. Keith, e-F.............Riverton
Nosack, J. Walter, e-F..........Riverton
Nuttall, Winifred R., a-So.........................Twin Falls, Idaho
Oakley, Reginald R., c-F....Springville
Oakley, Richard J., fa-F....Springville
Oaks, Charles E., e-S.................Vernal
Oaks, V. LeRoy, G.......................Provo
Oakden, Hortense, e-F..............Beaver
Oberhansley, Don S., a-F........................ Spanish Fork
Oblad, Bernice L., ap-F........Park City
Ogden, Sadie, ss........................Richfield
O'Hare, Helen B., ss..................Eureka
Ohlwiler, Ferrin H., a-F....Heber City
Ohlwiler, J. Wendell, ap-S..........................Heber City
Ohlwiler, Nellie Mae, ss-Sp..........Heber
Oldroyd, Geneel, e-So..................Venice
Oldroyd, Golden C., ss..........................Fountain Green
Oldroyd, Irvin P., ss..........................Fountain Green
Oldroyd, Jay W.. a-J..................Venice
Oldroyd, Reed I., a-F..........................Fountain Green
Oliphant, Elgin, e-J.......................Provo
Oliverson, Grace, a-F..........................Franklin, Idaho
Olsen, Arvilla, e-F......................Midvale
Olson, Benjamin C., c-F............Moroni
Olson, C. Garth, c-So..................Payson
Olson, Cora May, ap-F................Provo
Olson, Crista, ss..............................Payson
Olson, Dean, ap-F.............................Provo
Olsen, Dean E., c-So.......................Provo
Olson, Farrell G., ss..................Payson
Olsen, G. Anna, ap-So..................Provo
Olsen, Garn J., a-ss............Spring City
Olson, Georgia, ss-fa-So..........Fairview
Olson, H. Lowell, a-So..................Provo
Olson, Helen Marie, ap-F..........................Lovell, Wyo.
Olson, Jay Allred, ss-a-So..........Provo
Olsen, L. Clifford..............................Provo
Olson, Marge, fa-F..........................Provo
Olsen, Marion J., a-S......................Provo
Olsen, Marvin E., ap-J..........................Pleasant Grove
Olson, Ruby, e-So..........................Moroni
Olsen, Ruth, c-F..... ....Springville
Olsen, Sterling R. ....Spanish Fork
Olsen, Thera Lou, ss....................Manti
Olsen, Verne L., c-So..........................Beazer, Canada
Omanson, John A., ss....................Provo

Openshaw, Levi C., fa-F......Santaquin
Osborn, Wm. W., c-Un........Los Angeles, Calif.
Osguthorpe, Selena ......Salt Lake City
Oswald, Nolan C., e-So........Idaho Falls, Idaho
Ott, James A., a-S..............Henrieville
Oveson, Conway H., ss..........Mohrland
Owen, Anna L., F........Durango, Colo.
Owen, Jack R., ss-c-J..........Kenilworth
Owens, Darlene, e-S....................Provo
Pace, Alean S., ss..........................Nehpi
Pace, Anthony W., a-J........St. George
Pace, Ella, fa-F........................Coalville
Pace, Evelyn, ss-a-S..................Boneta
Pace, Joseph L., ss-a-So..............Provo
Pace, Pauline, a-So.......................Boneta
Pace, Verdell, e-So...........................Price
Pace, Wm. David., G......................Provo
Pack, DeLene, a-F............................Provo
Packard, Hannah, ss.......................Provo
Packard, Tess C., e-J..............Springville
Pagano, Josephine, ss................Helper
Page, Boyd, a-S......................Springville
Page, Faye, e-J..............................Goshen
Page, Fred T., c-J.........................Payson
Page, Waldo G., ap-F............Riverton
Palfreyman, Elva E., c-Sp..........Provo
Palfreyman, Helen, ss..........Springville
Palmer, Jack, c-F...........................Provo
Palmer, Joseph H., ss....Salt Lake City
Pardoe, Kathryn B., ss-G............Provo
Pardoe, Wm. E., a-F......................Provo
Park, Gwendolyn M., ap-F..........Provo
Park, Jean, ss................Blackfoot, Ida.
Parker, B. Margaret, c-F..................Burley, Idaho
Parker, Mary, e-F.........................Draper
Parker, Thomas R., ap-So.................. American Fork
Parkes, Flora L., ss........................Nephi
Parry, Betty, e-F............Salt Lake City
Parry, Florence, e-F......Salt Lake City
Partridge, Agnes, ss................Fillmore
Partridge, Elizabeth, Sp..............Provo
Partridge, Maude, ss........................Provo
Passey, Merrill, c-J........................Ogden
Patten, Frank E., c-Un..............Elberta
Patterson, Edna L., ss.....................Moab
Paulsen, LaRue, ss.................Ephraim
Paxman, Annie S., Sp.....................Provo
Paxman, Beth, fa-S..........................Provo
Paxman, Ruth, fa-F.........................Provo
Paxman, Wm. Rulon, G..................Provo
Payne, Hilda E., a-F....................Mountain View, Canada
Payne, John W., ss-a-S..................Provo
Payne, Lavon E., ap-Un..................Provo
Peacock, Max J., e-F..........Orangeville
Pearce, Wesley, ss-Sp................Monroe
Peart, Mearl C., ss-e-Sp........Randolph
Peay, Barbara, c-So...........................Provo
Peay, Ruth, e-ss............Pleasant Grove
Pehrson, Geo. A., a-S..................Magna
Pendleton, Carol, e-F.....................Provo
Penrod, Max W., ss..........................Provo
Penney, Donna, ss.......................Kanosh
Percival, C. Guy, e-J.........................Ioka
Percival, Evan R., e-F.........................Ioka
Perkins, Ella H., ss........Overton, Nev.
Perkins, Minnie, ss........................Payson
Perkins, Murray A., a-F..............Delta
Perkins, Norma, a-S..............Monticello
Perrett, Barbara A., fa-S..................Idaho Falls, Ida.
Perry, Asahel A., ss....................Vernal
Perry Leone, c-F..............Preston, Ida.
Perry, Rolland, a-So.......................Provo
Peters, Adele, ss-e-Sp.......................Provo
Peters, Cornell, ap-F.......................Provo
Peterson, Alton, ss.........................Jensen
Peterson, Anna Lou, e-S..................Houston, Texas
Peterson, A. Grant, a-F.................. American Fork
Peterson, Carrie, e-So................Ferron
Peterson, Cornelius R., ss-c-S............ Ephraim
Peterson, Dan W., c-F........................Pleasant Grove
Peterson, Dillon A., a-Un....................Lethbridge, Canada
Peterson, Edith, e-F...............Riverton
Peterson, Edsel A., a-J........................Hill Spring, Canada
Peterson, Elvin, fa-So..........Springville
Peterson, Ervin A., a-So........Fairview
Peterson, Freda L., e-Sp......................Los Angeles, Calif.
Peterson, Helen M., Sp..........Kaysville
Peterson, Howard, G.......................Provo
Peterson, H. Maurine, ss......Kaysville
Peterson, Hermese, ss...................Provo
Peterson, H. Lester, ss..Rexburg, Ida.
Peterson, Jesse G., a-F.......................Pleasant Grove
Peterson, Leland D., a-So..................Hill Spring, Canada
Peterson, Leonard, c-J...................Perry
Peterson, Louise, ss-e-J.................Provo
Peterson, L. Eugene, e-S...................Mt. Pleasant
Peterson, Lois E., c-J..................Provo
Peterson, Margaret, e-So......Hinckley
Peterson, Margaret E., ss-fa-S..........Salt Lake City
Peterson, Mary, a-F..Snowflake, Ariz.
Peterson, Mervin H., ss-a-S......Payson
Peterson, Myrtle D., ss-e-S........Jensen
Peterson, Narvin W., a-J..................Hill Spring, Canada
Peterson, Nelda, ss..................Hinckley
Peterson, Parlell G., e-S.............Provo
Peterson, Thos. C., c-J.................Provo
Peterson, Utahna, e-F.....................Delta
Peterson, W. Glade, c-F.......Riverton
Peterson, Zella, a-S.......................... Barnwell, Canada
Petty, L. LaVere, ss.......................Nephi
Phelps, Melba E., a-So..........Salt Lake
Phillips, Carlos A., a-F.......................Twin Falls, Idaho
Phillips, Gene Y., ss................Brigham
Phillips, Katherine J., ss...............Price
Pickett, Ross, ap-J.........Oakley, Idaho
Pickup, Clair B., c-J.....................Vernal

Naye, Mynie, ap-F....Las Vegas, Nev.
Naylor, Adelbert H., c-F..........Midvale
Naylor, Joseph A., a-J..........Bountiful
Nebeker, Garth G., a-F..........Richfield
Neilson, R. Clark, a-S..................Provo
Neilson, A. Blanche, ss-Sp..........Provo
Nelson, Arva F., ap-F.......................Pleasant Grove
Nelson, Barbara A., ss..Downey, Ida.
Nelson, Bernice, e-F....................Payson
Nelson, Bill, c-F................................Provo
Nelson, Carl O., ss.......................Payson
Nelson. Charlotte, fa-So.......................Taylor, Ariz.
Nelson, Dona, e-J............Spanish Fork
Nelson, Dorothy J., ss....Downey, Ida.
Nelson, Elmo A., c-S...........Roosevelt
Nelson, Evan G., e-S..................Ferron
Nelson, Howard R., fa-F....................Pleasant Grove
Nelson, Jay LeGrand, c-S..................Brigham City
Nelson, John A., fa-So........Springville
Nelson, Lynn A., a-F....................Provo
Nelson, Mabel M., ss..American Fork
Nelson, Marion, e-F....................Payson
Nelson, Maurine, e-F..................Payson
Nelson, Milton A., fa-S................Provo
Nelson, M. Jane E., G............Roosevelt
Nelson, Maxine, e-So.........................Darlington, Idaho
Nelson, R. Leona, a-So..............Elberta
Nelson, Roscoe M., a-J................Logan
Nelson, S. LaRelle, a-J.........................Rexburg, Idaho
Nelson, Veatrice, a-Un....Webb, Ariz.
Nelson, Veda B. S., ss-G............Provo
Neves, Elda, fa-So........Pleasant Grove
NeVille, Jessie, Sp..........................Provo
Newcomer, Vincent, fa-J..........Morgan
Newell, Clark, a-F..........................Mona
Newell. Donna, ss..........................Mona
Newel, John Smoot, a-F....................Bell Fourche, So. Dakota
Newell, Rulon Day, ss............Elsinore
Newell, Wm. L., c-So.....................Provo
Newren, Loey Y., a-So................Provo
Newton, Leon, Sp.......................Monroe
Nicholes, Eleanor L., ss-a-S........Provo
Nicholes, E. Heber, ss.......................... American Fork
Nicholes, Fern S., ss.. American Fork
Nicholes, Henry J., G..................Provo
Nicholes, Max M., ap-F................Provo
Nicholes, Paul S., ap-J-ss..................Eagar, Ariz.
Nickerson, R. Charles, c-So........Provo
Nickerson, Fred A., fa-F............Ogden
Nielsen, Averill B., ap-S..........Ephraim
Nielsen, Dallin S., fa-S.............Monroe
Nielson, Don, G.........................Mapleton
Nielson, Farren, a-F......................Provo
Nielson, Ferl, ap-So................Mapleton
Nielson, Fred T., c-F.......................... American Fork
Nielson, J. Grant, c-F..........Springville
Nielsen, J. Wells, a-F..............Monroe
Nielson, Jennie L., a-F.........................Madera, Mexico
Nielsen, Mabel D., e-S................Murray
Nielsen, Marlin A., ss............Ephraim
Nielsen, Mont G., c-F.......................... Fountain Green
Nielson, Pricella, ss..............Springville
Nielson, R. LaMont, ss..........Roosevelt
Nielson, Reed H., c-J...............Monroe
Nielson, Wendell L., e-S....Springville
Nilsson, Ralph F., ss....................Heber
Nisson, Antone W., G......Washington
Nokleby, Marion Lee, a-F...............Boise, Idaho
Norton, Leslie T., e-S..................Ogden
Norton, Preston, c-F.......................Provo
Nosack, F. Keith, e-F.............Riverton
Nosack, J. Walter, e-F..........Riverton
Nuttall, Winifred R., a-So.................Twin Falls, Idaho
Oakley, Reginald R., c-F....Springville
Oakley, Richard J., fa-F....Springville
Oaks, Charles E., e-S..................Vernal
Oaks, V. LeRoy, G.......................Provo
Oakden, Hortense, e-F.............Beaver
Oberhansley, Don S., a-F.................... Spanish Fork
Oblad, Bernice L., ap-F........Park City
Ogden, Sadie, ss........................Richfield
O'Hare, Helen B., ss..................Eureka
Ohlwiler, Ferrin H., a-F....Heber City
Ohlwiler, J. Wendell, ap-S...............Heber City
Ohlwiler, Nellie Mae, ss-Sp..........Heber
Oldroyd, Geneel, e-So.................Venice
Oldroyd, Golden C., ss.......................Fountain Green
Oldroyd, Irvin P., ss.........................Fountain Green
Oldroyd, Jay W., a-J..................Venice
Oldroyd, Reed I., a-F.........................Fountain Green
Oliphant, Elgin, e-J.......................Provo
Oliverson, Grace, a-F..........................Franklin, Idaho
Olsen, Arvilla, e-F......................Midvale
Olson, Benjamin C., c-F............Moroni
Olson, C. Garth, c-So.................Payson
Olson, Cora May, ap-F...............Provo
Olson, Crista, ss..............................Payson
Olson, Dean, ap-F...........................Provo
Olsen, Dean E., c-So.......................Provo
Olson, Farrell G., ss..................Payson
Olsen, G. Anna, ap-So................Provo
Olsen, Garn J., a-ss............Spring City
Olson, Georgia, ss-fa-So..........Fairview
Olson, H. Lowell, a-So..................Provo
Olson, Helen Marie, ap-F....................Lovell, Wyo.
Olson, Jay Allred, ss-a-So..........Provo
Olsen, L. Clifford...........................Provo
Olson, Marge, fa-F.........................Provo
Olsen, Marion J., a-S......................Provo
Olsen, Marvin E., ap-J.......................Pleasant Grove
Olson, Ruby, e-So..........................Moroni
Olsen, Ruth, c-F.....................Springville
Olsen, Sterling R. ....Spanish Fork
Olsen, Thera Lou, ss...................Manti
Olsen, Verne L., c-So..........................Beazer, Canada
Omanson, John A., ss....................Provo

Openshaw, Levi C., fa-F......Santaquin
Osborn, Wm. W., c-Un......................
..............................Los Angeles, Calif.
Osguthorpe, Selena ......Salt Lake City
Oswald, Nolan C., e-So......................
..............................Idaho Falls, Idaho
Ott, James A., a-S..............Henrieville
Oveson, Conway H., ss..........Mohrland
Owen, Anna L., F........Durango, Colo.
Owen, Jack R., ss-c-J..........Kenilworth
Owens, Darlene, e-S.......................Provo
Pace, Alean S., ss..........................Nehpi
Pace, Anthony W., a-J.........St. George
Pace, Ella, fa-F.........................Coalville
Pace, Evelyn, ss-a-S....................Boneta
Pace, Joseph L., ss-a-So..............Provo
Pace, Pauline, a-So.....................Boneta
Pace, Verdell, e-So..........................Price
Pace, Wm. David., G.....................Provo
Pack, DeLene, a-F..........................Provo
Packard, Hannah, ss.......................Provo
Packard, Tess C., e-J............Springville
Pagano, Josephine, ss.................Helper
Page, Boyd, a-S...................Springville
Page, Faye, e-J...........................Goshen
Page, Fred T., c-J.......................Payson
Page, Waldo G., ap-F.................Riverton
Palfreyman, Elva E., c-Sp..........Provo
Palfreyman, Helen, ss..........Springville
Palmer, Jack, c-F...........................Provo
Palmer, Joseph H., ss....Salt Lake City
Pardoe, Kathryn B., ss-G............Provo
Pardoe, Wm. E., a-F.....................Provo
Park, Gwendolyn M., ap-F..........Provo
Park, Jean, ss................Blackfoot, Ida.
Parker, B. Margaret, c-F..................
..................................Burley, Idaho
Parker, Mary, e-F.......................Draper
Parker, Thomas R., ap-So..................
.... American Fork
Parkes, Flora L., ss.......................Nephi
Parry, Betty, e-F............Salt Lake City
Parry, Florence, e-F......Salt Lake City
Partridge, Agnes, ss.................Fillmore
Partridge, Elizabeth, Sp..............Provo
Partridge, Maude, ss.......................Provo
Passey, Merrill, c-J.......................Ogden
Patten, Frank E., c-Un..............Elberta
Patterson, Edna L., ss...................Moab
Paulsen, LaRue, ss..................Ephraim
Paxman, Annie S., Sp...................Provo
Paxman, Beth, fa-S.......................Provo
Paxman, Ruth, fa-F.......................Provo
Paxman, Wm. Rulon, G..............Provo
Payne, Hilda E., a-F.........................
...................Mountain View, Canada
Payne, John W., ss-a-S................Provo
Payne, Lavon E., ap-Un..............Provo
Peacock, Max J., e-F..........Orangeville
Pearce, Wesley, ss-Sp...............Monroe
Peart, Mearl C., ss-e-Sp........Randolph
Peay, Barbara, c-So........................Provo
Peay, Ruth, e-ss...........Pleasant Grove
Pehrson, Geo. A., a-S..................Magna
Pendleton, Carol, e-F....................Provo
Penrod, Max W., ss.........................Provo
Penney, Donna, ss.......................Kanosh
Percival, C. Guy, e-J.........................Ioka
Percival, Evan R., e-F........................Ioka
Perkins, Ella H., ss........Overton, Nev.
Perkins, Minnie, ss........................Payson
Perkins, Murray A., a-F...............Delta
Perkins, Norma, a-S..............Monticello
Perrett, Barbara A., fa-S....................
......................................Idaho Falls, Ida.
Perry, Asahel A., ss......................Vernal
Perry Leone, c-F..............Preston, Ida.
Perry, Rolland, a-So.......................Provo
Peters, Adele, ss-e-Sp.....................Provo
Peters, Cornell, ap-F.......................Provo
Peterson, Alton, ss.........................Jensen
Peterson, Anna Lou, e-S....................
....Houston, Texas
Peterson, A. Grant, a-F.......................
.... American Fork
Peterson, Carrie, e-So................Ferron
Peterson, Cornelius R., ss-c-S............
.... Ephraim
Peterson, Dan W., c-F..........................
..............................Pleasant Grove
Peterson, Dillon A., a-Un....................
..............................Lethbridge, Canada
Peterson, Edith, e-F................Riverton
Peterson, Edsel A., a-J.......................
..............................Hill Spring, Canada
Peterson, Elvin, fa-So..........Springville
Peterson, Ervin A., a-So........Fairview
Peterson, Freda L., e-Sp....................
..............................Los Angeles, Calif.
Peterson, Helen M., Sp..........Kaysville
Peterson, Howard, G.......................Provo
Peterson, H. Maurine, ss......Kaysville
Peterson, Hermese, ss...................Provo
Peterson, H. Lester, ss..Rexburg, Ida.
Peterson, Jesse G., a-F.......................
....Pleasant Grove
Peterson, Leland D., a-So..................
..............................Hill Spring, Canada
Peterson, Leonard, c-J...................Perry
Peterson, Louise, ss-e-J.................Provo
Peterson, L. Eugene, e-S....................
....Mt. Pleasant
Peterson, Lois E., c-J.....................Provo
Peterson, Margaret, e-So......Hinckley
Peterson, Margaret E., ss-fa-S..........
....Salt Lake City
Peterson, Mary, a-F..Snowflake, Ariz.
Peterson, Mervin H., ss-a-S......Payson
Peterson, Myrtle D., ss-e-S........Jensen
Peterson, Narvin W., a-J....................
..............................Hill Spring, Canada
Peterson, Nelda, ss..................Hinckley
Peterson, Parlell G., e-S.............Provo
Peterson, Thos. C., c-J...................Provo
Peterson, Utahna, e-F......................Delta
Peterson, W. Glade, c-F.......Riverton
Peterson, Zella, a-S...............................
.... Barnwell, Canada
Petty, L. LaVere, ss.......................Nephi
Phelps, Melba E., a-So..........Salt Lake
Phillips, Carlos A., a-F.......................
.................................Twin Falls, Idaho
Phillips, Gene Y., ss................Brigham
Phillips, Katherine J., ss..............Price
Pickett, Ross, ap-J..........Oakley, Idaho
Pickup, Clair B., c-J.....................Vernal

Pickup, Grant, a-F..................Randlett
Pierce, Arthur C., c-F..El Paso, Texas
Pierce, Byron W., a-F....Spanish Fork
Pierce, Florence, e-J..............Roosevelt
Pierson, Ronald, c-F............Tremonton
Pintar, Mary, e-F........McGill, Nevada
Pitcher, Walter H., G..Cardston, Nev.
Pitt, Wallace, e-So.........................Kamas
Platt, Marion, e-So......Salt Lake City
Pohlman, Rhoda M., a-J.................................. Hollister, Idaho
Pollock, Nina, e-F...........................Tropic
Pond, Beth, fa-F............Fairfield, Ida.
Pond, Cleo, fa-F..............Fairfield, Ida.
Pond, Leon Y., a-Sp....Pocatello, Ida.
Porter, Wm. R., c-F.....................Payson
Post, Mildred, Frank, ss-fa-J....Vernal
Potter, Glenn S., G....Bancroft, Idaho
Poulson, A. Lillian, a-So..............Provo
Poulson, Elmo S., c-J.....................Provo
Poulson, Eva M., ap-J......Mt. Pleasant
Poulson, Florence, a-F...........Richfield
Poulson, Merrit Lee, ss..............Scipio
Powell, Gwendolyn, ss-a-So..Salt Lake
Powell, Kathryn, c-F....Salt Lake City
Powell, Maurine, ss-Sp................Levan
Powell, Wayne S., c-F..................Lehi
Powleson, Dorothy, ss.................Provo
Powelson, Fred D., a-So..............Provo
Powelson, Lael, c-So....................Provo
Powelson, Lucille, e-So..............Goshen
Pratt, Beth, ss-fa-So.......................Provo
Pratt, Harold I., c-F............Am. Fork
Pratt, Jean Gay, a-Un...............................Colonia Dublan, Mexico
Pratt, Wm. M., fa-Un........ Salt Lake
Preece, Karl B., ss.......................Vernal
Preston, Edward W., a-F...................................Dennis Port, Mass.
Price, Wm. Lyle, a-F..Twin Falls, Idaho
Priday, Leland F., c-S..........Am. Fork
Prigmore, Ruth A., c-F...................................... Bingham Canyon
Prince, Beth, a-F...........................Price
Prior, David, a-So............Spanish Fork
Probst, Clarence H., ss............Midway
Probst, Reed, G, Sp....Bancroft, Idaho
Proctor, Annie C., ss-e-S.. Spanish Fork
Prusse, Emma F., a-Sp................Provo
Prusse, Ruth W., c-J.....................Provo
Pueschel, H., ap-So......Salt Lake City
Pullen, J. Everett, ss......................Provo
Pulley, Mary., ap-Sp..American Fork
Pulham, Ronald J., fa-So............................. McKinnon, Wyoming
Pullen, J. Everett, a-J..................Provo
Puls, Lester L., c-F.....................Huntington Park, Calif.
Pumphrey, Jos. Ed., fa-F............Provo
Purdy, Wm. E., fa-So... Oakley, Wyo.
Pyne, Lucille, c-J...........................Provo
Pyper, LaVon, ss..................Heber City
Rambeau, Jean M., ss..................Provo
Ramsay, LaRue, e-So........Baker, Nev.
Rappleye, Foster D., ap-Un....................................Twin Falls, Idaho
Rasband, Lincoln A., ap-J..........Heber
Rasband, Mary, ss..........................Heber
Rasband, Nina, ss...........................Heber
Rasmusson, Audrey J., e-So........Provo
Rasmussen, Ruth L., a-J..Rupert, Ida.
Rasmussen, Levar S., a-So.. Burlington, Idaho
Read, Grace L., e-F............Heber City
Rebentisch, Hamilton S., ss.................................. Portland, Oregon
Redd, Afton, c-So....................Blanding
Redd, Maude, a-S..................Monticello
Redd, Mrs. Louise E., ss........Blanding
Redd, Merene, ap-S................Blanding
Redd, P. Vincent, a-J............Blanding
Redd, Shirley, e-So........................Provo
Redd, William S., a-F.................................... Raymond, Canada
Redford, Laurine, e-F......Rupert, Ida.
Reece, Niles D., c-F.....................Payson
Reece, T. H., c-So.........................Payson
Reeder, Edna, ss........................Corinne
Reeder, Wm. H., a-S-ss................Ogden
Reese, Eldon, c-S....Bloomington, Ida.
Reese, Merrill J., e-J..Bloomington, Idaho
Reeve, Emma, c-F....................Hinckley
Reeve, Margaret, c-F..............Hinckley
Reichert, Malno A., ap-S..............Price
Reid, Eldon S., G................St. George
Reid, Ernest L., ss...................Hinckley
Reid, Ray L., a-J..................St. George
Remund, Carol, ap-So..................Heber
Remund, Grace, ss....................Midway
Rencher, Idona, a-F..........Eagar, Ariz.
Reynolds, John W., a-F................Provo
Reynolds, Theron W., fa-Un......Provo
Rhoton, Royal W., c-So...Lakeside, Arizona
Rice, E. J., c-F..........................Brigham
Rich, Lewis R., c-So..................Morgan
Richards, Anna M., ap-F..Oakley, Ut.
Richards, Beth, a-S...Montpelier, Idaho
Richards, Dorcas P., ap-F............Provo
Richards, Elaine M., ap-J..........Oakley
Richards, Vernis, a-J.......................................Twin Falls, Idaho
Richardson, E. Arlo, a-S.................................... Tucson, Arizona
Richardson, Edmund A., G.................................... Tucson, Arizona
Richardson, Elva, ss....Thatcher, Ariz.
Richardson, Lurlene, ap-So........Provo
Richardson, Ross, a-J..Thatcher, Ariz.
Richins, Fay E., ss...................Wanship
Richins, Vir S., c-F.......................Provo
Richins, W. Dwaine, c-F.. Burley, Idaho
Richmond, Dixie, a-F...................Provo
Richmond, Elaine, e-F..................Provo
Ricks, Geneva, ap-F...Idaho Falls, Idaho
Ricks, Ruby, e-S.......Idaho Falls, Ida.
Rideout, Matthew D., c-Un.. Madison, Wisconsin
Ridges, Isabella A., ap-So...Salt Lake City

Rigby, Avard A., c-J..............Hinckley
Rigby, Faye, ss..........................Fairview
Rigby, Florence P., ss................Beaver
Rigby, Frederick J., a-F..Sublett, Ida.
Rigby, Margaret, a-F..............Holladay
Rigby, M. Verdell, e-J............Hinckley
Rigby, Wendell M., ss................Beaver
Riggs, John, ss................Mesa, Arizona
Ririe, Martin C., fa-J............Lewiston
Riska, Drews Wm., e-So..............Sandy
Ritchie, Metta, ss...........................Provo
Robbie, M. Leota, c-F.....................Provo
Robbins, Mrs. Ruby, Sp...Salt Lake City
Roberts, Bertha, ss-G....................Provo
Roberts, Beth A., a-S....Salt Lake City
Roberts, Charles H., c-F................Lehi
Roberts, Isaac B., fa-Un.. Raymond, Canada
Roberts, Ivy, e-F............................Delta
Roberts, Melvin J., e-J....Rupert, Ida.
Roberts, Wm. W., c-F...................Provo
Robertson, Brooks, c-Sp................Provo
Robertson, Cyrus M., a-So... Lovell, Wyo.
Robertson, Dean G., ap-F......Sp. Fork
Robertson, Farrol, c-So..Lovell, Wyo.
Robertson, Glenn, ss........Lovell, Wyo.
Robertson, James R., a-So.. Spanish Fork
Robertson, Russell H., c-F... Leadore, Idaho
Robertson, Wanda, ss-Sp.. Fountain Green
Robins, Sonoma K., fa-F............Scipio
Robins, Thelma, e-So..................Scipio
Robinson, Don S., c-J............Am. Fork
Robinson, Elma, c-Sp....................Provo
Robinson, Hazel, e-F....................Ogden
Robinson, Helen, a-F....................Provo
Dobinson, Jean R., fa-F....Marysvale
Robinson, Josephine, c-F..Beaver City
Robinson, M. Afton, c-So..............Lehi
Robinson, Jerald, fa-J....................................Colonia Dublan, Mexico
Robinson, Merla, fa-ss............Coalville
Robison, Alpha J., ap-S....Baker, Nev.
Robison, Iola, a-F....................Garrison
Robison, Newal J., a-So....Baker, Nev.
Rockwood, L. Marise, ee-F...Salt Lake City
Rockwood, Oleah, ap-J..Salt Lake City
Rockwood, Robert P., e-So...Salt Lake City
Rogers, Wayne, fa-So............Garland
Rollins, Eugene K., fa-F........Fairview
Rollins, J. Leslie, ss......Lyman, Wyo.
Romney, Gaskell A., c-So....................
Romer, Ruth, e-S............Brigham City
Romney, Irvin B., c-So...Colonia Juarez, Mexico
Romney, Jennie, a-J........Chicago, Ill.
Romney, Merlyn, fa-F......Chicago, Ill.
Romney, Roxey, ss-fa-S......St. George
Romney, Stanley C., ap-S...Phoenix, Ariz.
Romrell, Earl B., ap-So...St. Anthony, Idaho

Root, Mary M., ss......................Morgan
Roper, Lucile, ss......................Oak City
Roper, Rawlin, c-J..................Oak City
Roper, Vernon B., e-F............Oak City
Rose, David Q., ap-Un......Henrieville
Roskelley, Eunice, ss......Brigham City
Rothe, Ruth, Sp.................................Lehi
Rowan, Elliot N., a-F....Houston, Tex.
Rowan, Jerald G., a-F..Houston, Tex.
Rowe, Francis, a-J..........Spanish Fork
Rowe, Marion, a-J.........................Provo
Rowe, Mary, c-Sp...........................Provo
Rowe, Minnie B., ss-a-Sp............Provo
Rowe, Owen B., a-S.......................Provo
Rowland, Hannah, ss..........Springville
Rowland, Harry W., a-Sp..........Provo
Rowland, Max L., a-F........Springville
Rowland, Ted A., c-F........Springville
Rowley, Edith, e-J......................Helper
Rowley, Ernest E., a-J... ....Cedar City
Rowley, Eldon, a-F.........................Provo
Rowley, Herman M., e-J............Provo
Rowley, LaRue, e-J.....................Helper
Roylance, Lucy, ss..............Springville
Rupper, John H., a-So................Provo
Rushton, Phillipa B., c-F...Idaho Falls, Idaho
Russell, Louise, ap-So........Springville
Russell, Max H., a-So..................Provo
Russon, Alta, c-Un..Los Angeles, Cal.
Rust, Burton O., ss..................Glendale

Sabin, V. David, e-S........Boise, Idaho
Salisbury, Howard E., ss-e-S.. Springville
Salisbury, Portia Joan, e-F........Provo
Salisbury, Wilma M., ap-S................................. Independence, Missouri
Sampson, Ellen, ss......................Eureka
Sandberg, Merrill G-Sp..............Provo
Sanderson, Ross O., a-F......Malta, Ida
Sanderson, L. Devon, c-F....Fairview
Sanderson, Thelma M., ss....Fairview
Sandgren, Loraine, c-Sp..............Provo
Sant, Horace W., a-F...Los Angeles, Calif.
Sardoni, Dearwyn E., fa-So...Grand Junction, Colo.
Savage, Mary J., ap-....Salt Lake City
Saxey, Edward, a-F......................Provo
Scheuller, Henry F., ss..............Heber
Schlappi, Lloyd K., ap-J....Springville
Schmiett, Bennie, fa-J..............Midvale
Schofield, Dale, e-S.......................Ogden
Schofield, Jay D., c-J....Rupert, Idaho
Schofield, Wm. U., ap-So....Hiko, Nev.
Schow, Elden C., G...........................Lehi
Schow, Erma, c-F..............................Lehi
Schow, Ila, fa-J..................................Lehi
Scorup, Ellen, fa-S.......................Salina
Scott, Jenet, ss..................................Provo
Scott, Mary J., ap-J........................Provo
Scott, Zola, e-F.....................Charleston
Seaman, J. Gordon, c-S...Salt Lake City
Searle, Don L., a-F........Spanish Fork
Seaton, Frances M., ss-a-J............Price
Sears, Viola, fa-So ....Salt Lake City
Seegmiller, Marjorie, ss-c-S....Richfield

Pickup, Grant, a-F..................Randlett
Pierce, Arthur C., c-F..El Paso, Texas
Pierce, Byron W., a-F....Spanish Fork
Pierce, Florence, e-J..............Roosevelt
Pierson, Ronald, c-F............Tremonton
Pintar, Mary, e-F........McGill, Nevada
Pitcher, Walter H., G..Cardston, Nev.
Pitt, Wallace, e-So........................Kamas
Platt, Marion, e-So......Salt Lake City
Pohlman, Rhoda M., a-J.................. Hollister, Idaho
Pollock, Nina, e-F..........................Tropic
Pond, Beth, fa-F............Fairfield, Ida.
Pond, Cleo, fa-F.............Fairfield, Ida.
Pond, Leon Y., a-Sp....Pocatello, Ida.
Porter, Wm. R., c-F....................Payson
Post, Mildred, Frank, ss-fa-J....Vernal
Potter, Glenn S., G....Bancroft, Idaho
Poulson, A. Lillian, a-So..............Provo
Poulson, Elmo S., c-J....................Provo
Poulson, Eva M., ap-J......Mt. Pleasant
Poulson, Florence, a-F............Richfield
Poulson, Merrit Lee, ss..............Scipio
Powell, Gwendolyn, ss-a-So..Salt Lake
Powell, Kathryn, c-F....Salt Lake City
Powell, Maurine, ss-Sp................Levan
Powell, Wayne S., c-F..................Lehi
Powleson, Dorothy, ss...................Provo
Powelson, Fred D., a-So..................Provo
Powelson, Lael, c-So......................Provo
Powelson, Lucille, e-So..............Goshen
Pratt, Beth, ss-fa-So......................Provo
Pratt, Harold I., c-F............Am. Fork
Pratt, Jean Gay, a-Un.........................Colonia Dublan, Mexico
Pratt, Wm. M., fa-Un........ Salt Lake
Preece, Karl B., ss......................Vernal
Preston, Edward W., a-F..................Dennis Port, Mass.
Price, Wm. Lyle, a-F..........................Twin Falls, Idaho
Priday, Leland F., c-S..........Am. Fork
Prigmore, Ruth A., c-F.................... Bingham Canyon
Prince, Beth, a-F............................Price
Prior, David, a-So............Spanish Fork
Probst, Clarence H., ss............Midway
Probst, Reed, G, Sp....Bancroft, Idaho
Proctor, Annie C., ss-e-S.................... Spanish Fork
Prusse, Emma F., a-Sp................Provo
Prusse, Ruth W., c-J....................Provo
Pueschel, H., ap-So......Salt Lake City
Pullen, J. Everett, ss....................Provo
Pulley, Mary., ap-Sp..American Fork
Pulham, Ronald J., fa-So.................. McKinnon, Wyoming
Pullen, J. Everett, a-J....................Provo
Puls, Lester L., c-F..........................Huntington Park, Calif.
Pumphrey, Jos. Ed., fa-F............Provo
Purdy, Wm. E., fa-So... Oakley, Wyo.
Pyne, Lucille, c-J..........................Provo
Pyper, LaVon, ss..................Heber City
Rambeau, Jean M., ss...................Provo
Ramsay, LaRue, e-So........Baker, Nev.
Rappleye, Foster D., ap-Un..................Twin Falls, Idaho
Rasband, Lincoln A., ap-J..........Heber
Rasband, Mary, ss..........................Heber
Rasband, Nina, ss..........................Heber
Rasmusson, Audrey J., e-So........Provo
Rasmussen, Ruth L., a-J..Rupert, Ida.
Rasmussen, Levar S., a-So.................. Burlington, Idaho
Read, Grace L., e-F............Heber City
Rebentisch, Hamilton S., ss.................. Portland, Oregon
Redd, Afton, c-So....................Blanding
Redd, Maude, a-S..................Monticello
Redd, Mrs. Louise E., ss........Blanding
Redd, Merene, ap-S................Blanding
Redd, P. Vincent, a-J............Blanding
Redd, Shirley, e-So..........................Provo
Redd, William S., a-F.................. Raymond, Canada
Redford, Laurine, e-F......Rupert, Ida.
Reece, Niles D., c-F....................Payson
Reece, T. H., c-So........................Payson
Reeder, Edna, ss........................Corinne
Reeder, Wm. H., a-S-ss................Ogden
Reese, Eldon, c-S....Bloomington, Ida.
Reese, Merrill J., e-J..........................Bloomington, Idaho
Reeve, Emma, c-F....................Hinckley
Reeve, Margaret, c-F..............Hinckley
Reichert, Malno A., ap-S..............Price
Reid, Eldon S., G................St. George
Reid, Ernest L., ss..................Hinckley
Reid, Ray L., a-J..................St. George
Remund, Carol, ap-So..................Heber
Remund, Grace, ss....................Midway
Rencher, Idona, a-F..........Eagar, Ariz.
Reynolds, John W., a-F................Provo
Reynolds, Theron W., fa-Un......Provo
Rhoton, Royal W., c-So..........................Lakeside, Arizona
Rice, E. J., c-F..........................Brigham
Rich, Lewis R., c-So..................Morgan
Richards, Anna M., ap-F..Oakley, Ut.
Richards, Beth, a-S..................................Montpelier, Idaho
Richards, Dorcas P., ap-F...........Provo
Richards, Elaine M., ap-J..........Oakley
Richards, Vernis, a-J..................................Twin Falls, Idaho
Richardson, E. Arlo, a-S.................... Tucson, Arizona
Richardson, Edmund A., G................ Tucson, Arizona
Richardson, Elva, ss....Thatcher, Ariz.
Richardson, Lurlene, ap-So........Provo
Richardson, Ross, a-J..Thatcher, Ariz.
Richins, Fay E., ss....................Wanship
Richins, Vir S., c-F......................Provo
Richins, W. Dwaine, c-F.................. Burley, Idaho
Richmond, Dixie, a-F....................Provo
Richmond, Elaine, e-F..................Provo
Ricks, Geneva, ap-F..................................Idaho Falls, Idaho
Ricks, Ruby, e-S........Idaho Falls, Ida.
Rideout, Matthew D., c-Un.............. Madison, Wisconsin
Ridges, Isabella A., ap-So..................................Salt Lake City

Rigby, Avard A., c-J..........Hinckley
Rigby, Faye, ss..........Fairview
Rigby, Florence P., ss..........Beaver
Rigby, Frederick J., a-F..Sublett, Ida.
Rigby, Margaret, a-F..........Holladay
Rigby, M. Verdell, e-J..........Hinckley
Rigby, Wendell M., ss..........Beaver
Riggs, John, ss..........Mesa, Arizona
Ririe, Martin C., fa-J..........Lewiston
Riska, Drews Wm., e-So..........Sandy
Ritchie, Metta, ss..........Provo
Robbie, M. Leota, c-F..........Provo
Robbins, Mrs. Ruby, Sp..........Salt Lake City
Roberts, Bertha, ss-G..........Provo
Roberts, Beth A., a-S....Salt Lake City
Roberts, Charles H., c-F..........Lehi
Roberts, Isaac B., fa-Un..........Raymond, Canada
Roberts, Ivy, e-F..........Delta
Roberts, Melvin J., e-J....Rupert, Ida.
Roberts, Wm. W., c-F..........Provo
Robertson, Brooks, c-Sp..........Provo
Robertson, Cyrus M., a-So..........Lovell, Wyo.
Robertson, Dean G., ap-F......Sp. Fork
Robertson, Farrol, c-So..Lovell, Wyo.
Robertson, Glenn, ss........Lovell, Wyo.
Robertson, James R., a-So..........Spanish Fork
Robertson, Russell H., c-F..........Leadore, Idaho
Robertson, Wanda, ss-Sp..........Fountain Green
Robins, Sonoma K., fa-F..........Scipio
Robins, Thelma, e-So..........Scipio
Robinson, Don S., c-J..........Am. Fork
Robinson, Elma, c-Sp..........Provo
Robinson, Hazel, e-F..........Ogden
Robinson, Helen, a-F..........Provo
Dobinson, Jean R., fa-F....Marysvale
Robinson, Josephine, c-F..Beaver City
Robinson, M. Afton, c-So..........Lehi
Robinson, Jerald, fa-J..........Colonia Dublan, Mexico
Robinson, Merla, fa-ss..........Coalville
Robison, Alpha J., ap-S....Baker, Nev.
Robison, Iola, a-F..........Garrison
Robison, Newal J., a-So....Baker, Nev.
Rockwood, L. Marise, ee-F..........Salt Lake City
Rockwood, Oleah, ap-J..........Salt Lake City
Rockwood, Robert P., e-So..........Salt Lake City
Rogers, Wayne, fa-So..........Garland
Rollins, Eugene K., fa-F........Fairview
Rollins, J. Leslie, ss......Lyman, Wyo.
Romney, Gaskell A., c-So..........
Romer, Ruth, e-S..........Brigham City
Romney, Irvin B., c-So..........Colonia Juarez, Mexico
Romney, Jennie, a-J........Chicago, Ill.
Romney, Merlyn, fa-F......Chicago, Ill.
Romney, Roxey, ss-fa-S......St. George
Romney, Stanley C., ap-S..........Phoenix, Ariz.
Romrell, Earl B., ap-So..........St. Anthony, Idaho

Root, Mary M., ss..........Morgan
Roper, Lucile, ss..........Oak City
Roper, Rawlin, e-J..........Oak City
Roper, Vernon B., e-F..........Oak City
Rose, David Q., ap-Un......Henrieville
Roskelley, Eunice, ss......Brigham City
Rothe, Ruth, Sp..........Lehi
Rowan, Elliot N., a-F....Houston, Tex.
Rowan, Jerald G., a-F..Houston, Tex.
Rowe, Francis, a-J..........Spanish Fork
Rowe, Marion, a-J..........Provo
Rowe, Mary, c-Sp..........Provo
Rowe, Minnie B., ss-a-Sp..........Provo
Rowe, Owen B., a-S..........Provo
Rowland, Hannah, ss..........Springville
Rowland, Harry W., a-Sp..........Provo
Rowland, Max L., a-F........Springville
Rowland, Ted A., c-F........Springville
Rowley, Edith, e-J..........Helper
Rowley, Ernest E., a-J.........Cedar City
Rowley, Eldon, a-F..........Provo
Rowley, Herman M., e-J..........Provo
Rowley, LaRue, e-J..........Helper
Roylance, Lucy, ss..........Springville
Rupper, John H., a-So..........Provo
Rushton, Phillipa B., c-F..........Idaho Falls, Idaho
Russell, Louise, ap-So........Springville
Russell, Max H., a-So..........Provo
Russon, Alta, c-Un..Los Angeles, Cal.
Rust, Burton O., ss..........Glendale

Sabin, V. David, e-S........Boise, Idaho
Salisbury, Howard E., ss-e-S..........Springville
Salisbury, Portia Joan, e-F........Provo
Salisbury, Wilma M., ap-S..........Independence, Missouri
Sampson, Ellen, ss..........Eureka
Sandberg, Merrill G-Sp..........Provo
Sanderson, Ross O., a-F......Malta, Ida
Sanderson, L. Devon, c-F....Fairview
Sanderson, Thelma M., ss....Fairview
Sandgren, Loraine, c-Sp..........Provo
Sant, Horace W., a-F..........Los Angeles, Calif.
Sardoni, Dearwyn E., fa-So..........Grand Junction, Colo.
Savage, Mary J., ap-....Salt Lake City
Saxey, Edward, a-F..........Provo
Scheuller, Henry F., ss..........Heber
Schlappi, Lloyd K., ap-J....Springville
Schmiett, Bennie, fa-J..........Midvale
Schofield, Dale, e-S..........Ogden
Schofield, Jay D., c-J....Rupert, Idaho
Schofield, Wm. U., ap-So....Hiko, Nev.
Schow, Elden C., G..........Lehi
Schow, Erma, c-F..........Lehi
Schow, Ila, fa-J..........Lehi
Scorup, Ellen, fa-S..........Salina
Scott, Jenet, ss..........Provo
Scott, Mary J., ap-J..........Provo
Scott, Zola, e-F..........Charleston
Seaman, J. Gordon ,c-S..........Salt Lake City
Searle, Don L., a-F........Spanish Fork
Seaton, Frances M., ss-a-J..........Price
Sears, Viola, fa-So.......Salt Lake City
Seegmiller, Marjorie, ss-c-S....Richfield

Sellers, Don F., fa-F................Richfield
Sellers, Doyle D., c-So................ Sacramento, Calif.
Sellers, Jean M., a-J................ Sacramento, Calif.
Seeley, Max M., a-F................Roosevelt
Settle, Ernest B., ap-F................ Oakland, Calif.
Sevy, Norma, e-F................Panguitch
Shafer, Dean W., e-F................Moab
Shanks, Ednal, e-S................Wells, Nev.
Sharp, George A., e-So................Murray
Shaw, Afton, e-F................Draper
Shaw, Frank Wm., fa-S................Ogden
Shawcroft, Dee, ap-S......LaJara, Colo.
Shawcroft, Maude, a-So................ LaJara, Colo.
Shea, Frank T., c-F....Oakland, Calif.
Sheffield, Erwin L., ss................Kaysville
Sheffield, Kenneth H., ss......Kaysville
Shellenberger, Dora D., e-So................ Ely, Nevada
Shelley, Sarah, a-J....American Fork
Shepherd, Edwin L., a-So..Paris, Ida.
Sheranian, Lorraine M., e-J....Murray
Shields, Wallace R., a-F........Arcadia
Shipman, Edward, ap-J................Provo
Shirts, Max L., fa-F................Payson
Shumway, Nora, e-S................Kanab
Sibbett, Mary H., ss................Provo
Siepert, Mark Wm., a-F................ Rexburg, Idaho
Simkins, Bob A., ap-F................Provo
Simkins, Marie, ss................Springville
Simkins, Nedra, e-J................Provo
Simmons, Gerald, e-J................Payson
Simmons, Glenn, ss................Provo
Simmons, Talmage D., e-Un................Spanish Fork
Skeem, Inez, e-F................Oasis
Skidmore, Zella, ss......Salt Lake City
Smart, Edwin H., ap-F................Provo
Smart, Helene E., c-F................Provo
Smart, Margaret, a-So................Provo
Smart, Phil, a-F................Provo
Smith, Alden S., ss-c-J................Beaver
Smith, Avera M., ss................Provo
Smith, Clarence B., c-Un................ Raymond, Canada
Smith, D. Lowry, a-F................Murray
Smith, Earl T., ss................Beaver
Smith, Ferral L., c-F................Elsinore
Smith, Glenn E., a-F................Lehi
Smith, Guida ,a-F......Snowflake, Ariz.
Smith, Harold, c-So....Snowflake, Ariz.
Smith, Helen M., ss................Price
Smith, Jack A., a-Un................ Inglewood, Calif.
Smith, J. Melvin, a-F................Provo
Smith, Janice, fa-F........Safford, Ariz.
Smith, Jean, ap-J..........Pleasant Grove
Smith, John Wm., G.....Salt Lake iCty
Smith, Julina, G.......... Salt Lake City
Smith, June, e-F................Draper
Smith, Kate, ss................Logan
Smith, Katherine T., ss-fa-J......Provo
Smith, Kathryn, ss................Beaver
Smith, LaVern A., ss............Panguitch
Smith, LeRoy W., c-So....Pleas. Grove
Smith, Louise, ap-J......Salt Lake City
Smith, Mabel P., ss................Beaver
Smith, Marjorie B., e-J..........Elsinore
Smith, Mary, e-F................Provo
Smith, Norma G., ss....Cardston, Can.
Smith, Phosia H., e-So....Heber, Ariz.
Smith, Phill O., ss................Panguitch
Smith, Ruth Irene, e-So................Provo
Smith, Ruth Melva, e-F................Salem
Smith, Sophronia, G..Snowflake, Ariz.
Smith, Sylvia K., a-F............Roosevelt
Smith, Utella, fa-So................Lehi
Smith, Voyn, a-F................Draper
Smith, Winifred, a-Sp................Provo
Smith, Wm. S., a-F................Lehi
Smoot, Anita, e-J................Provo
Smoot, Richard E., c-F................Provo
Smyth, Alice, e-J........Fountain Green
Snell, Alta, ss................Provo
Snell, Vesta E., ss................Provo
Snell, Hillman C., fa-J................Provo
Snell, Jay H., ap-F........Cowley, Wyo.
Snow, Bessie, ss................Pine Valley
Snow, Edna, G................Provo
Snow, Gordon W., c-So................Provo
Snow, Nelson A., a-S............St. George
Snow, Orvel L., ss........American Fork
Snow, Pearl E., ss................Provo
Snow, Perry E., ss................Ferron
Soderquist, Oscar E., e-J..........Ferron
Soffe, Beth M., e-F................Sandy
Soffe, Darrel D., c-So................Sandy
Soffe, Kenneth, c-F................Midvale
Soffe, Orpha M., fa-J................Sandy
Soffe, Wayne, a-So................Midvale
Sorensen, Allen B., G....Spanish Fork
Sorensen, Carl W., e-S................Lark
Sorensen, Elaine ,ap-F....Mt. Pleasant
Sorensen, Gladys, fa-J....Malad, Ida.
Sorenson, Sam A., fa-S........Springville
Sorensen, Willis H., fa-So............Lark
Sorensen, Wilson W., ap-So....Draper
Sowards, Beulah B., e-So............Provo
Sowards, Myrtle, ap-S................Provo
Spackman, Fred N., a-So................ Stirling, Canada
Spalding, Alta, ss-a-So................Provo
Spalding, Ardith, ss-G................Provo
Spear, Dorothea, a-So................Provo
Speckart, Orlene, fa-So................Provo
Spencer, Emma L., fa-So................ Malad, Idaho
Spencer, Goldie, a-So................Provo
Spencer, Harold L., c-Sp............Provo
Spencer, Helen, a-F................Provo
Spencer, Jack, ss-a-S............St. George
Spencer, Ray A., fa-F................Provo
Spilsbury, Erwin R., ss............Preston
Staheli, Harvey R., ss................Provo
Staheli, Letha I., fa-Sp................Provo
Stahmann, Grace, ap-F..Spanish Fork
Stahmann, Mark A., a-S....Span. Fork
Staker, Flossie R., ss......Mt. Pleasant
Stallings, Ortell Ann, ss................Eden
Standiford, Blaine, a-So..Fruita, Colo.
Starr, Edna, ss-ap-S............Springville
Starr, Eva, ap-F................Springville

Steadman, Modl, e-F....................Sandy
Steele, Jesse F., ss........................Tooele
Steele, Kay B., c-F....Idaho Falls, Ida.
Steele, Stanford H., a-J......Lago, Ida.
Steele, Wanda, e-J........................Delta
Steiner, Arles K., a-F........Bell, Calif.
Steiner, Weldon G., c-F.. Rexburg, Idaho
Stephens, Glenn M., c-S................Provo
Stephens, G. Sylvan, G................Provo
Stephens, Kirk A., a-J..Bayside, L. I., New York
Stephens, Miland R., ss..............Ogden
Stephens, Von, ap-Sp....................Provo
Stephensen, Helen, ss..Salt Lake City
Stephensen, Mont F., c-F........Riverton
Sterling, H. Ross, c-F....Spanish Fork
Sterling, Lenore, ss....................Payson
Sterling, Len G., c-S......Spanish Fork
Sterling, M. Helen, e-S................Provo
Stevens, Ada P., e-J................Parowan
Stevens, Jay, a-So..........................Provo
Stevens, Orin R., a-So............Randlett
Stevens, Wm. A., c-F....El Paso, Tex.
Stevens, Wm. R., ss..................Eureka
Stevenson, Fred, a-F....................Salina
Stevenson, Keith G., e-So....Mohrland
Stevenson, Libbie, ss..............Mohrland
Stewart, Don O., c-So..............Fairview
Stewart, Evan ,c-F........................Ogden
Stewart, Loris W., ss-e-S............Provo
Stewart, Merrill, c-So............Fairview
Stewart, Mildred, a-So................Provo
Stewart, Missie, a-F....Alamo, Nevada
Stewart, Preston R., ss................Provo
Stewart, Wiley G., ap-Un..........Jensen
Stewart, Wilson S., e-F....Alamo, Nev.
Stillman, Mary, c-F....Salt Lake City
Stoddard, Geo. E., c-J..Flushing, N. Y.
Stoddard, Mary Ellen, fa-F.. Portland, Oregon
Stokes, Florence, ss........Spanish Fork
Stokes Wm. Lee, a-J............Cleveland
Stolworthy, Rhea, a-J..Kirtland, New Mexico
Stone, Max D., c-F......Aberdeen, Ida.
Stones, Helen, ss..................Paragonah
Stoor, Marvin S., a-F....Wayan, Idaho
Storrs, Eunice, fa-F..........Sweets Mine
Stott, J. Lynde, a-F......Douglas, Ariz.
Stott, Ruth, fa-Sp......................Meadow
Stout, Beth, e-So............................Moab
Stowell, Irma, fa-J......Rexburg, Idaho
Strate, Fred C., ss..........................Provo
Strate, Stirling J., ss-c-F............Provo
Strauser, Ethel M., ss........Springville
Straw, Luell, ss....................Springville
Straw, Marjorie, e-So..........Springville
Straw, Rea S., ss..................Springville
Straw, Rex E., c-So....Montpelier, Ida.
Stringham, Jack, e-So..Salt Lake City
Stringham, Maline, e-J......Taber, Can.
Strebel, Geo. L., a-So............Roosevelt
Street, Ruby K., c-S......................Provo
Strickland O. Joseph, a-F.. Norfolk, Virginia
Strong, Jack E., a-F......................Provo
Strong, James A., c-S........Springville
Strong, Leon M., ss........Sugar, Idaho
Stuart, Emma, ap-F.............Woodruff
Summer, Maline, e-Sp..................Provo
Summerhays, Margaret, ss-Sp...Salt Lake City
Summers, Georgia, ss..........Silver City
Summers, M. Jean, c-J................Provo
Sumsion, Merline ss............Springville
Sundberg, Marguerite, fa-J...Idaho Falls, Idaho
Sundwall, C. Arthur, e-J........Fairview
Sundwall, C. Robert, ss-e-J....Fairview
Sutherland ,Rex L., fa-S....Springville
Sutton, David W., ss....................Logan
Sutton, Helen K., e-So................Provo
Sutton, Virginia F., e-So............Provo
Swalberg, Ralph J., a-F....Span. Fork
Swallow, Robert A., c-F........Fillmore
Swanner, C. Edsell, a-F..Spanish Fork
Swart, Blanche A., a-F..Burbank, Cal.
Swendsen, Jennie, a-J....Rexburg, Ida.
Swensen, Albert D., a-J................Provo
Swenson, Carl D., ss....................Provo
Swensen, Calvin, a-J........Pleas. Grove
Swenson, Helen N., e-So.. Bancroft, Idaho
Swenson, Frank I., c-So....Span. Fork
Swenson, J. Blaine, fa-F.. Spanish Fork
Swenson, John L., ap-F.. Bancroft, Idaho
Swenson, LaRaine W., c-F.. Pleasant Grove
Swenson, Laura, ap-F... Pleasant Grove
Swenson, Margaret Davis, ss......Provo
Swenson, Shirl, fa-J........Spanish Fork

Taggart, Nida, ss........................Morgan
Tanner, Annie A., ss....................Provo
Tanner, Myrtle, a-F......................Provo
Tanner, Wilmer W., a-S..............Provo
Tappan, Evangeline L., a-Un... Caineville
Taylor, B. Don, c-F......................Nephi
Taylor, Burt, c-F..................Springville
Taylor, Byron H., ss............St. George
Taylor, Carlos E., c-So..Colonia Juarez, Mexico
Taylor, Christy N., fa-F..Preston, Ida.
Taylor, Clarence D., ss-c-Sp........Provo
Taylor, Edith ,ap-So..................Payson
Taylor, Elizabeth, c-F..Colonia Dublan, Mexico
Taylor, Herbert W., a-S..Colonia Juarez, Mexico
Taylor, J. Golden, c-S.. Spokane, Washington
Taylor, Keith R., a-F..Idaho Falls, Idaho
Taylor, Lola, ap-Un....Spokane, Wash.
Taylor, Lucille R.,..Colonia Dublan, Mexico
Taylor, Margaret, c-F..................Provo
Taylor, Marjorie, e-F.............Fremont
Taylor, Mary J., ss-ap-Sp............Provo
Taylor, Mattie, ss-c-J..Spokane, Wash.
Taylor, Mennell H., ap-J..Colonia Dublan, Mexico

Taylor, Nadine, ss-fa-S................Provo
Taylor, Nile H., ap-S....Banida, Idaho
Taylor, Ralph H., a-F............Randlett
Taylor, Ruth, e-F.......................Colonia Dublan, Mexico
Taylor, Ruth E., fa-F....................Provo
Taylor, W. Dean, a-So................Provo
Tea, LeGrande, e-J..................Riverton
Teerlink, Virginia, c-J..Salt Lake City
Teichert, Herman, a-F.......................Cokeville, Wyoming
Tenney, Helen, e-So....................Vernal
Terry, Heath R., a-So............Hinckley
Terry, L. Lafayette, fa-So..Enterprise
Terry, Norma, ap-F....Pleasant Grove
Teuscher, Alvin J., G....Rexburg, Ida.
Teuscher, Charles H., G-ss-Sp.......... Montpelier, Idaho
Tew, Naoma, fa-So......Mapleton, Utah
Thatcher, Leonard, c-So..............Provo
Thatcher, Mary L., a-F..... ..Roosevelt
Thaxton, Olive, e-So................Riverton
Tholen, Margaret ,e-J................Midvale
Thomas, Dan F., e-So..................Ogden
Thomas, Dean, e-So........Spanish Fork
Thomas, Glenn, ss.........................Wales
Thomas, Grace, e-J....................Helper
Thomas, Helen, c-Sp......................Provo
Thomas, Katherine, ss................Ogden
Thomas, Margaret N., e-S........Ogden
Thomas, Rex, a-J............................Provo
Thomas, Ruth B., a-F....Spanish Fork
Thompson Avis, e-F..............Springville
Thompson, Blaine, ss-Sp..............Provo
Thompson, Blodwen M., ss........Provo
Thompson, Eltmae, ss.......................Roy
Thompson, George, a-F................Provo
Thomson, Grant A., e-S........Ephraim
Thorne, Bernell H., c-F......Springville
Thorne, Charles J., a-S....Pleas. Grove
Thornton, James W., G................Provo
Thornton, J. Max, c-J..................Delta
Thornton, LeOra H., fa-J......Fillmore
Thornton, Lois, e-So....Ida. Falls, Ida.
Thornton, Myrna, ss..Ida. Falls, Ida.
Thornton, Nellie S., G..................Provo
Thorderson, Hilga, ss............Cleveland
Thorderson, Parley, ss........Cleveland
Thorson, Myrna M., ss-a-F..........Provo
Threet, Ardelle, fa-S......Lovell, Wyo.
Threet, Roann O., fa-So.......................Great Falls Mont.
Thurman, Helen P., ss..................Price
Tietjen, Bernell E., fa-F..........Monroe
Tippets, Dessa, ap-F........Lovell, Wyo.
Tippets, Don, ap-J........Cowley, Wyo.
Tippetts, Vernal F., ss-Sp....Benjamin
Tobler, Ezra, ss....................St. George
Todd, Alice, c-So.......................Midvale
Todd, Florence, ss-fa-J............Midvale
Todd, Josie, ap-So..............Heber City
Toland, Elaine, e-So........Afton, Wyo.
Tolboe, Donald M., a-F................Provo
Tolboe, Donna M., e-So................Provo
Tolhurst, fa-S ....Ogden
Toliver, Wm. M., a-F......Salida, Colo.
Torgesen, Betty A., c-F.......................Soda Springs, Idaho

Towers, Adele B., e-F................Eureka
Tucker, Afton, e-So.......................Provo
Tucker, Lloyd, c-F..................Fairview
Tucker, Rebecca, Sp....................Provo
Tuft, May S., a-So.....................Monroe
Tuft, Venice, c-F..........................Provo
Turner, Dean L., a-F............Sunnyside
Turner, Floy L., ss......................Provo
Turner, Genevieve, ss-e-S.....Kaysville
Turner, LaRue, ss..........Spanish Fork
Turner, Marjorie, a-So..........Kaysville
Turner, Maxine, fa-F....Spanish Fork
Turpin, Marlow, c-J.....................Magna
Tuttle, Marie, fa-F..........Spanish Fork
Tyler, Clark, a-Un....Los Angeles, Cal.
Tyndall, Clarence, e-F.......................Pink Hill, No. Carolina

Ungermann, Ralph L., c-F.......................... Huntington
Udall, Lula, e-So..............Eager, Ariz.
Utley, Quentin E., a-F..........Roosevelt
Utvich, John Wm., c-F................................Los Angeles, Calif.

VanAlfen, Nicholas, ss................Ogden
Vance, Argene ,ap-Un..................Provo
Vance, Emery M., ss....Jerome, Idaho
Vance, Marion, c-F..........Tempe, Ariz.
VanDam, Lillieth, a-So...................................Salt Lake City
VanLeuven, Thora Hill, e-F....Provo
VanLeuven, Lyda H., ss..............Provo
Van Wagenen, Donna M., fa-F..Provo
Van Wagenen, Fay E., ss-G......Provo
Van Wagenen, Frank A., c-S....Provo
Van Wagenen, Harold E., c-Sp..Provo
Van Wagoner, Merrill V., a-F......................... Midway
Verney, John W., e-J........Mesa, Ariz.
Vernon, Lucille, c-So....................Provo
Vest, Edwin I., ss-Sp....................Ogden
Vest, Orpha J., ss..........................Provo
Vickers, Reva, ss-E-J.....................Nephi
Vietti, Reynold F., fa-Un...................................Salt Lake City
Viklund, Albert E., c-F....Span. Fork
Vincent, Byrnece, c-F..................Provo
Voelker, Norita F., ss....Bisbee, Ariz.
Voorhies, A. Dean, a-F..............Moab

Wadley, Bryce, ap-S....Pleasant Grove
Wadley, LaVere, J., G...Pleas. Grove
Wadley, Lucy, ap-So...Pleasant Grove
Wagers, Marjorie J., e-J............Provo
Wagstaff, Amy, e-So........Amer. Fork
Wagstaff, Lloyd J., ap-F....Am. Fork
Wagstaff, M. Gwen, e-F...................................Salt Lake City
Wagstaff, Vera, e-J............ ....Provo
Wahlquist, LeRoy, ss..................Ogden
Wakefield, Homer, G....................Provo
Waldo, Vern H., e-J....Salt Lake City
Walker, Amee, ss-Sp....Pleasant Grove
Walker, Ellen ,ap-J....American Fork
Walker, Fay H., a-J....Raymond, Can.
Walker, Jesse R., e-S......Pleas. Grove
Walker, Virginia, ss-e-Sp.................... ... . Pleasant Grove

Walker, Winifred, e-J .... Delta
Wall, Alonzo E., ss-Sp .... Goshen
Wall, Jason, e-J .... Goshen
Wall, Ruth, fa-So .... Randlett
Wall, Thelma A., e-Un .... Randlett
Wallick, Barney N., a-F .... Provo
Walsh, Reed H., a-So .... Farmington
Walton, John N., a-F .... Provo .... Bloomington, Idaho
Walton, John N., a-F .... Provo
Wanlass, D. J., a-F .... American Fork
Ward, Dorothy, e-So ....
Ward, Ed. M., ap-Sp .... Provo
Ward, Golden C., ap-So .... Malad, Ida.
Ward, Helen E. ,a-F .... Provo
Ward, Keith W., a-F .... Parowan
Warner, Ellen, fa-So .... Ely, Nevada
Warner, Marie, c-Sp .... Provo
Warner, Max, ss .... Provo
Warner, Meldon N., e-So .... Fillmore
Warnick, Charles W., ap-S .... Pleasant Grove
Warnick, Don ., ss-c-So .... Provo
Warnick, Effie ,ss .... Provo
Warnick, Erma, c-J .... Provo
Warnick, Geo. W., ap-J .... Pleasant Grove
Washburn, Beatrice, e-F .... Myton
Washburn, DeMonte, fa-J .... Monroe
Washburn, Jesse A., ss .... Provo
Washburn, Jesse Nile, ss-Sp .... Lehi
Washburn, Woodrow ., a-F .... Provo
Waspe, Ileen Ann, a-So .... Salt Lake City
Waters, Merrill E., a-F .... Sheridan, Wyoming
Watkins, Arthur R., ss-a-F .... Provo
Watson, Arden E., ap-F .... Lovell, Wyoming
Watson, Leonard D., c-J .... Raymond, Canada
Watson, Otella, e-F .... Blackfoot, Ida.
Watts, D. Eva, e-F .... Byron, Wyo.
Watts, J. Clayton, ss .... Gunnison
Watts, Maxine, ap-F .... Springville
Watts, Orvil A., G .... Provo
Watts, Verdun A., ss-fa-So .... Kanosh
Watts, Vie C., e-Sp .... Kanosh
Webb Ross C., c-S .... Castle Gate
Webb, Sybil E., fa-F .... Mesa, Ariz.
Webster, Tom, a-So .... Cedar City
Wedge, Virgil, ss-c-S .... Caliente, Nev.
Weeks, Florence, a-Sp .... Rexburg, Ida.
Weight, Brent N., a-F .... Springville
Weight, James K., c-F .... Provo
Weight, Newell B., fa-So .... Springville
Weight, Wilford A., c-J .... Springville
Welch, Eloise, a-So .... Midvale
Welch, Herbert Arthur, c-So .... Salt Lake City
Welker, Norman J., ap-F .... Safford, Ariz.
Wells, Ann, c-F .... Provo
Wendell, Jos. Wm., fa-J .... Frontier, Wyo.
Wentz, Helen T., ss .... Provo
Wentz, Lorna C., fa-S .... Provo
Werry, Marge D., a-F .... Eden, Idaho
West, Eleroy, Sp .... Pleasant Grove
Westman, Arden C., a-So .... Long Beach, Calif.
Westover, Russell, c-So .... Joseph City, Arizona
Wheeler, Alma B., a-F .... Springville
Wheeler, Melvern S., e-J .... Salida, Colorado
Whipple, June, c-F .... Provo
Whitaker, Geo. W., c-So .... Provo
Whitbeck, Phyllis, a-F .... Milford
White, Bob, a-F .... Provo
White, Clara, c-F .... Beaver
White, Fay F., fa-So .... Provo
White, Lewis E., fa-F .... Hood River, Oregon
White, M. Dean, fa-S .... Morgan
White, Nina, ap-So .... Pleasant Grove
White, Rose R., ss .... Dividend
White, S. Max, fa-So .... Morgan
Whitehead, Calbert W., a-J .... St. George
Whiteley, Alicebeth, e-S .... Oakley, Ida.
Whiting, Lester E., a-So .... Holbrook, Ariz.
Whiting, Maylon R., e-F .. Rupert, Ida.
Whiting, Melba, c-So .. St. Johns, Ariz.
Whiting, Roy, G .... Provo
Whiting, Virgil B., c-F .... St. Johns, Ariz.
Whiting, W. Verl, c-S .... Springville
Whitlock, C. Lloyd, ss .... Mayfield
Whitman, Lawrence S., ss .... Provo
Whitwood, Mary, c-F .... Spanish Fork
Wightman, Verden, c-F .... Salt Lake City
Wightman, Wallace J., c-J .... Payson
Wignall, Dorothy, fa-F .... Payson
Wignall, Elva, c-F .... Payson
Wignall, J. Lloyd, a-S .... Payson
Wilcox, Frank R., ss-Sp .... Caliente, Nevada
Wilde, Grace, c-F .... Spanish Fork
Wilde, MarVel, fa-Un .... Provo
Wilde, Woodrow A., c-So .... Am. Fork
Wilding, T. Preston, ap-F .... Idaho Falls, Idaho
Wilkins, Madelyn, a-F .... Mt. Home
Willardsen, Ruby M., e-J .... Ephraim
Willett, Farrell D., a-F .... Pleas. Grove
Williams, Annie R., Sp .... Ogden
Williams, Carroll, fa-So .... Provo
Williams, Dan T., ss .... Samaria, Ida.
Williams, Dorris, ss .... Emery
Williams, Eleanor L., ss .. Malad, Ida.
Williams, Elsie, ss .... Emery
Williams, Emmons N., ss .... Pocatello, Idaho
Williams, J. Walter, fa-J .... Emery
Williams, Morris P., c-So .... Kamas
Williams, Nevin R., fa-F .... Provo
Williams, Phyllis, e-J .... Price
Williams, Russell S., ss .... Price
Williams, Ruth, e-So .... Castle Dale
Williams, Vodis E., e-S .... Murray
Willis, Glade R., a-F .... Henrieville
Wilske, Emil, ss .... Amer. Falls, Ida.
Wilson, Agnes, ss .... Panguitch

Wilson, Boyd, a-So........................Payson
Wilson, Della B., a-F....................Payson
Wilson, Don C., a-S..............Panguitch
Wilson, Eva, ss...........................Midway
Wilson, Gene, a-F...............................Lehi
Wilson, H. Carma, a-J..........Roosevelt
Wilson, Harvey, c-J................Richfield
Wilson, Howard, ss-e-Sp............Payson
Wilson, Max, a-So..........................Lehi
Wilson, Melissa S., ss.....................Provo
Wilson, Owen M., ss-G..................Provo
Wilson, Robert U., e-J....Oakley, Ida.
Wilson, Woodrow S., ss-C-J......Provo
Winder, E. Jos., c-J.....................Vernal
Wing, John H., G...........................Provo
Wing, Niles M., a-So..American Fork
Wing, Sherman, ss-G........Amer. Fork
Winsor, Ruth, ss...................St. George
Winsor, Tillie, ss.....................St. George
Winters, Hannahdell, e-So.. Castle Dale
Winters, Margaret, e-F..Mt. Pleasant
Winterton, LaPreal, a-So............Provo
Winterton, Zelma E., ss..............Provo
Winward, Morris H., e-So...................................... Whitney, Idaho
Witney, Ruth, ap-F...........Springville
Wiscombe, Reed, c-J..............Roosevelt
Wittwer, Leora, ss................................ Bunkersville, Nev.
Woffinden, J. Howard, c-F...Spanish Fork
Wood, Beverly M., ss..........Huntsville
Wood, Glenna, fa-J..............Hurricane
Wood, Lynne K., a-S..................Helper

Woodland, Byron B., fa-F..........Provo
Woodruff, Asahel D., ss...Salt Lake City
Woodruff. Alice Ruth, a-So..Holladay
Woodruff, Eva S., ss....Salt Lake City
Woodward, Bertha S., ss..............Bluff
Woodward, Jack E., e-J..Salida, Colo.
Woolf, Aenone, a-F.......................Provo
Woolf. Anthony D. a-S................Provo
Woolf. Golden L., ss-G................Provo
Woolfley, Beulah. Sp.........Etna, Wyo.
Woolley. Allan C., ap-F........Randlett
Woolley, H. Alexander, c-J..Randlett
Wootton, Marlowe V., e-J... Blackfoot, Idaho
Wootton, Mary, e-J....Salt Lake City
Worsley, Sadie, G.........................Provo
Wrathall, C. Irene, e-So....Grantsville
Wright, Albert H., fa-S....Malad, Ida.
Wright, Donald, G......Pleasant Grove
Wright, Erva E., e-F....................Provo
Wright, Frank W., e-S............Midvale
Wright, George, ss..................Hinckley
Wright, Glade M., G................Hinckley
Wright, Iris D., e-J................Blackfoot
Wright, Norma P., fa-Sj..............Provo
Wright, Rosella, e-J................Hinckley
Wycherly, Gaylen L., fa-F..Hiawatha
Wyler, Geo, Sp.............................Payson

Yancey, Lowell J., ap-P... Blackfoot, Ida.
Yarbrough, Anthon E., fa-F......Ogden
Yardley, June, e-So....................Beaver
Youkstetter, Pearl Irene, a-So.......................Huntington Park, Calif.
Young, Alaire, c-So.......................Provo
Young, Chester J., c-Sp............Provo
Young, Clifford E., c-J......Amer. Fork
Young, Darroll, a-J................Blanding
Young, Evelyn, e-J...........Heber City
Young, Grant H., a-F..................Provo
Young, Floyd R., ap-F......Wellington
Young, Helen, ss-ap-S...........Am. Fork
Young, LuCinda, ap-Un........Vineyard
Young, Mae B., ap-Sp..................Provo
Young, Martin R., ap-F....Mesa, Ariz.
Young, Max, a-F................Heber City
Young, Mildred K., fa-J..............Provo
Young, Persis, fa-So......................Provo
Young, Sylvia, e-J..........................Heber
Young, Theodore K., c-S.............Provo
Young, Walter E., ss...Colonia Juarez, Mexico
Young, Welby W., fa-So............Heber
Young, Woodrow W., a-F....Duchesne

Zobell, Jerry Rudolph, a-F.. Castle Gate
Zabriskie, Emma, c-F..................Provo
Zumbrunnen, Geo. A., c-F......Coalville

Summary of Students for 1935-36

Graduates	103	
Seniors	270	
Juniors	397	
Sophomores	508	
Freshmen	924	
Unmatriculated	45	
Specials	191	
		2438
Summer School 1935:		
Graduates	149	
Other University Students	521	
		670
Correspondence and Extension Students		1192
Secondary Training School:		
Senior High School	125	
Junior High School	96	
		221
Elementary Training School		257
		4778
Less those counted more than once		448
Number receiving institutional Credit		4330

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Admission ... 57
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Philosophy of Education 125
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Pre-Medical Course 71
Pre-Legal Course 71
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